

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

TESTING INSTRUMENTS

GENERAL CATALOGUES



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ABOUT US

IDM Instruments Pty. Ltd. is a leading manufacturer of testing and measurement instruments. With over 49 years of experience, we have successfully delivered testing solutions to leading global companies.



Since 1972



Testing Standards Accredited



Global Presence



Custom Manufacturing



Lifetime support



1-year Warranty



Calibration & Maintenance



Trusted by Leaders

KEY BUSINESS AREAS

We are proudly Australian owned and managed. Started in a humble garage in 1972, we have grown our business into diversified markets and areas including but not limited to:

- Testing Instruments
- Sensors
- Manufacturing
- Service & Calibration

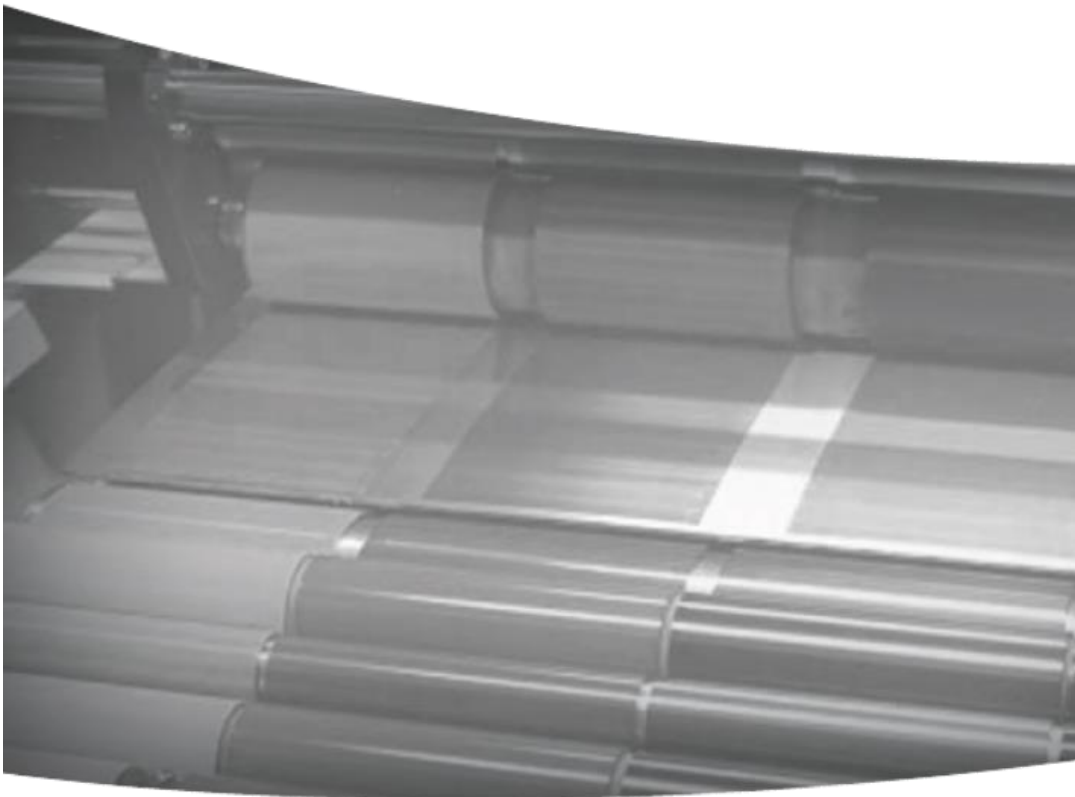
TESTING SOLUTIONS FOR EVERY INDUSTRIAL APPLICATION

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INK & PRINTING INDUSTRY INSTRUMENTS



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COEFFICIENT OF FRICTION TESTER – MANUAL

MODEL NO. C0054

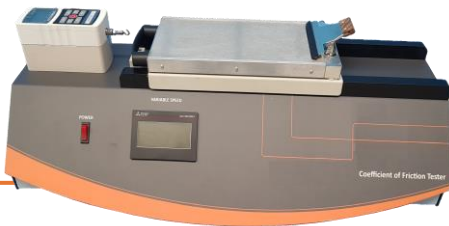
This user-friendly instrument is commonly utilized in ink laboratories to assist the development of flexible coatings that resist cracking on commercial cartons. It allows the operator to quickly produce quality carton board crease samples without committing machine time. The unit comes complete with robust rules & dies which are of the same quality of those used with a full scale cut and crease machine.



COEFFICIENT OF FRICTION TESTER - STANDARD

MODEL NO. C0055-M1

The standard C0055-M1 unit can measure Static COF (peak) from a resting position and continue to move testing surfaces in a relative motion to give an accurate kinetic COF (dynamic) result. This model features a stationary sled with a moving plane and also comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COEFFICIENT OF FRICTION TESTER – VARIABLE SPEED

MODEL NO. C0055-M2

The C0055-M2 comes with the addition of variable speed from 50 – 300mm/min using a stepper motor for accurate variable speed control. Controls are via an LCD touch screen for stop, start, home and speed changes. This model is the next level in accurate and precise COF measurement for static and kinetic results and comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COF TESTER – VARIABLE SPEED & HEATED PLATEN

MODEL NO. C0055-M2

The Hydrostatic Head Tester is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. The hydrostatic pressure supported by a fabric is a measure of the resistance to the passage of water through the fabric.



COEFFICIENT OF FRICTION TESTER – INCLINE PLANE

MODEL NO. C0045

This apparatus is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. A manual version of the Hydrostatic Head Tester, the user operates the hand pump.



CROSS HATCH ADHESION TESTERS

MODEL NO: ELCO-1542

The Elcometer 1542 is ideal for measuring the cross hatch adhesion of coatings up to 250µm (9.8mils) on flat surfaces and test panels. Measure on large or small panels by quickly changing the position of the guide wheel using the hexagonal wrench provided. Advanced Kits which include all three (1, 2 & 3mm) cross hatch adhesion testers, together with either ISO or ASTM adhesive tape.



INK PIPETTE

MODEL NO. INK-P

An efficient and clean method of measuring and applying a precise volume of ink to the Proofer unit. It is clearly marked with graduations of 0.1 ml enabling the operator to measure an accurate and repeatable volume of ink up to 1.0 ml in 0.05 ml increments.



INK RUB TESTERS (SUTHERLAND)

MODEL NO. I0001

Ink Rub Testers are designed to determine the quality of adhesion, and scuff resistance of ink to paper surfaces, plastic and aluminium film. The method of operation is that a 2 or 4 lb weight with a clean white board is swept across the test piece for a set number of times, and then closely examined. Heated weights are also available for these units.



COLOUR CHECK CABINETS

MODEL NO. C0048

Used for assessing colour changes under different light sources, to determine suitability of materials for industrial applications where there is the need to maintain colour consistency and quality. Fluorescent daylight, incandescent and optional black light may be used either individually or in combination.



INKOMETER - ELECTRONIC

MODEL NO. 1100

This machine measures the apparent tack of printing ink under conditions closely approximating the dynamic conditions of the ink-distribution system of a printing press. The testing instrument provides the highest accuracy and efficiency for research and development, quality control and process evaluation to verify, test and improve quality.



CARTON CREASE PROOFER

MODEL NO: C0053

This user-friendly instrument is commonly utilized in ink laboratories to assist the development of flexible coatings that resist cracking on commercial cartons. It allows the operator to quickly produce quality carton board crease samples without committing machine time. The unit comes complete with robust rules & dies which are of the same quality of those used with a full scale cut and crease machine.



CREASE & STIFFNESS TESTER

MODEL NO. C0039-M1

This unit has been designed to measure the thickness of high loft nonwoven material, by means of a digital readout. Thickness is determined by observing the linear distance that a moveable plane is displaced from a parallel surface by the specimen while under a specified pressure.



CREASE TESTER FOR ROUND CORNERS

MODEL NO. C0039-M2

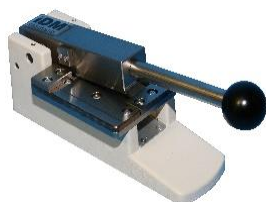
The C0039-M2 is specifically designed to determine the crease recovery for cartons with rounded corners. The unit can be adjusted to also attach a 90° Crease fixture.



DIGITAL CREASE STIFFNESS TESTER

MODEL NO. C0039-M3

Along with the above-mentioned features of the C0039 M1 & M2 model, C0039-M3 includes a digital display. The real-time display screen is the latest addition to the Digital Stiffness Tester. The digital display is colour touch screen ensures simple operation making it convenient to check statistics, test reports and results. This product is the latest and most updated version available



CREASE AND STIFFNESS CUTTER

MODEL NO. C0016

The Tetrapod Abrasion Tester tests the mechanical action on surface texture of textile carpet. A cylindrical drum, is rotated so that the tetrapod 'walks' over the specimens. The appearance of the tested specimen is compared to that of a concurrently tested controlled specimen.



ISO BRIGHTNESS

VARIOUS MODELS

IDM offer a range of economical and easy to use brightness testers which provide instantaneous digital read outs of TAPPI/GE brightness, with the option of measuring with and without the excitation of fluorescent agents.



PROFILE/PLUS™ TAPPI BRIGHTNESS

VARIOUS MODELS

The PROFILE/Plus TAPPI Brightness measures optical properties according to industry standards including colour, opacity, fluorescence, TAPPI Brightness and colour difference.



PROFILE/PLUS™ ROUGHNESS & POROSITY

VARIOUS MODELS

The Technidyne PROFILE/Plus Roughness and Porosity measures surface roughness and air permeance according to industry standard methods. Includes two sided measurements, selectable reporting units, dry diaphragm air compressor, NIST traceable laminar flow elements, barometric pressure and temperature compensation.



TEST/PLUS™ GLOSS

VARIOUS MODELS

This instrument combines industry standardized measurement technology with an innovative control package that allows the user to tailor build their testing and evaluation capabilities. Built on the Android software platform, the interface can be customized with the features important to you. Available in 75- and 20-degree angles.



PROFILE/PLUS™ TENSILE

VARIOUS MODELS

With a precise punch and die assembly to ensure constant sample size, this unit automatically performs sample clamping, measurements of MD and CD tensile strength, elongation, and TEA all on its own.

User defined measurement parameters means that grade specific reporting units can be selected.



COLOUR COMPARATIVE SYSTEM

MODEL
COLORSTRIKER

The ColorStriker is user-friendly and can be used in various industries to test almost any material or surface type, including textiles, leather, paint, varnishes, wood, tiles, plastics and more. Users can easily create and manage a custom colour archive. With the integrated texture library, the desired colour effect can be checked on screen for a wide variety of applications (ie. Wood chips, textile materials, leather etc).



COLOUR ANALYZER

MODEL NO. RBG-
1002

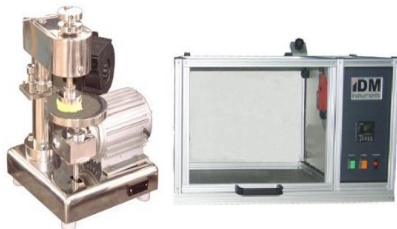
The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.



PAGE PULL TESTERS

MODEL NO. P0011

The Page Pull Tester has been designed and manufactured to measure the strength required to pull pages out of bound books and magazines. The force is displayed on the digital read out, ensuring a quality bound book is provided to customers.



RUB PROOF TESTER

MODEL NO. 10005

The Rub Proof Tester is used to evaluate the ink transfer from printed / coated materials from rubbing. 3 x dead loads are included to place one on top of the upper disc to achieve a known pressure.

The sample holders are manufactured from stainless steel to enable dry or wet rubs and a digital cycle counter stops the test at the pre-set value.



COLOUR PROOFING KIT

MODEL QUICKPEEK

The Quickpeek Color Proofing Kit is used to quickly produce a proof that replicates how ink will appear on a printed copy from the press. Different rollers can be used for heat set inks or UV inks.



VISCOMETERS

MODEL CAP
SERIES

The CAP units come complete with the customer's choice of torque range, cone spindle and temperature control (Low or High)
CAP 1000+ : Single speed unit
CAP 2000+ : Variable speed unit with optional software



TACKMASTER

MODEL NO. 92

This machine is a durable tester that is specifically designed to accurately test ink tack. The unit is simple in design and requires minimal maintenance.



OPACIMETER

MODEL NO. BNL-3

This unit provides unparalleled levels of precision and accuracy for opacity measurement and control. This easy to use instrument is considered the industry standard. It has been designed to adhere rigorously to pulp and paper industry test ASTM and TAPPI methods.



LINEAR MEASURESCOPE

MODEL NO. LM

The Rub Proof Tester is used to evaluate the ink transfer from printed / coated materials from rubbing. 3 x dead loads are included to place one on top of the upper disc to achieve a known pressure.

The sample holders are manufactured from stainless steel to enable dry or wet rubs and a digital cycle counter stops the test at the pre-set value.



GLOSS & HAZE METERS

MODEL QUICKPEEK

A range of Gloss Meters are available to determine the specular reflection of various materials. Gloss Meters can measure in 20°, 60° or 80°, all in the one single unit, with results displayed instantly, including the difference, pass/fail and statistics on display.



BK DRYING RECORDERS

MODEL CAP
SERIES

A needle carrier holding six hemispherical ended needles travels the length of the six 305 x 25 mm test strips in 6, 12 or 24 hours. Other speeds are available. A time scale on the side cover is graduated to suit the three different travel times.



CONTACT ANGLE TESTER

MODEL NO. PGX+

The Contact Angle tester is designed to check surface properties for contamination, adhesion and printability of various materials. It measures the dynamic contact angle as wetting, absorption and spreading over time. With an integrated camera which captures 80 images per second, this user-friendly unit runs via USB connection to a PC.



FINENESS OF GRIND GAUGES

VARIOUS MODELS

Used to determine the particle size and fineness of grind of materials such as paints, pigments, inks, coatings and other similar products.



LINEAR MEASURESCOPE

MODEL NO. LM

The Rub Proof Tester is used to evaluate the ink transfer from printed / coated materials from rubbing. 3 x dead loads are included to place one on top of the upper disc to achieve a known pressure.

The sample holders are manufactured from stainless steel to enable dry or wet rubs and a digital cycle counter stops the test at the pre-set value.



GLOSS & HAZE METERS

MODEL QUICKPEEK

A range of Gloss Meters are available to determine the specular reflection of various materials. Gloss Meters can measure in 20°, 60° or 80°, all in the one single unit, with results displayed instantly, including the difference, pass/fail and statistics on display.

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TEXTILE INDUSTRY INSTRUMENTS



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GELBO FLEX TESTER WITH PARTICLE COUNTER

MODEL NO: G005

The Roller Shear Machine is used to determine the resistance to compression fatigue of flexible cellular polyurethane using dynamic roller compression testing. The Roller Shear Machine fatigues a specimen dynamically with a constant force deflecting the material both vertically and laterally. It has been used for many years in the foam industry to determine the percentage loss in thickness.



LAMINAR FLOW CABINETS

MODEL NO. G0005-
OP3

Room air is taken from the top of the clean bench through a disposable pre-filter with 85% arrestance. The air is forced evenly across the ULPA filter, creating a clean stream of air within the work zone.

For use with Gelbo Flex Tester – G0005



AIR PERMEABILITY TESTER

MODEL NO. A0003

The fully automatic Air Permeability Tester can quickly and accurately assess air permeability of various materials such as woven fabrics, knitted fabrics, non-woven fabrics, industrial filter materials, as well as foam products.



HYDROSTATIC HEAD TESTER

MODEL NO. H0003

The Hydrostatic Head Tester is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. The hydrostatic pressure supported by a fabric is a measure of the resistance to the passage of water through the fabric.



HYDROSTATIC PRESSURE TESTER

MODEL NO. H0004

This apparatus is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. A manual version of the Hydrostatic Head Tester, the user operates the hand pump.



STIFFNESS OF CLOTH TESTER

MODEL NO: S0013

The Stiffness of Cloth Tester is used to determine the bending length of a cloth by means of a fixed angle flexometer and for calculating its flexural rigidity and bending modulus. These quantities are related to the stiffness of cloth.



STIFFNESS OF CLOTH TESTER – MOTORIZED

MODEL NO. S0015

The Stiffness of Cloth Tester Motorised is used to measure the stiffness of non-woven fabrics, by means of cantilever bending of the fabric under its own weight; thus, calculating the bending length and flexural rigidity.



SEAM FATIGUE TESTER

MODEL NO. S0014

This Seam Fatigue Tester was designed to test the strength of a sewn seam in a fabric, such as in vehicle seating covers. It operates by lifting a 3kg weight using the sewn fabric as a 'tow rope'. The 3kg mass is dropped onto a shelf at the end of each stroke and lifted again by the fabric. The shelf height is adjustable so that the mass can be set down gently without too much jerk. The machine is double-ended and two sets of specimens can be tested at each end.



MARTINDALE ABRASION TESTERS

MODEL NO. F0013

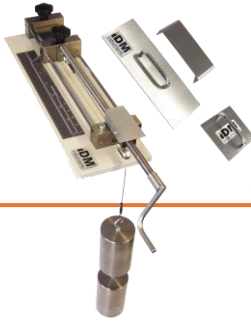
These units are available in 6, 8 or 9 workstations. These instruments are used for testing the wearability and pilling properties of wool, wool blended, woven, knitted and non-woven fabrics. The units have 2 Lissajous trajectory and a reciprocating linear track (capable of round tracking movement). Repeatability of a single procedure or three velocities can be set as the instrument has six operational preset procedures.



TETRAPOD ABRASION TESTER

MODEL NO. F0021

The Tetrapod Abrasion Tester tests the mechanical action on surface texture of textile carpet. A cylindrical drum, is rotated so that the tetrapod 'walks' over the specimens. The appearance of the tested specimen is compared to that of a concurrently tested controlled specimen.



EXTENSOMETER FOR FABRIC

MODEL NO: E0004

The Extensometer for Fabric stretches a specimen by applying a specified load; thus the extension is observed and the tension removed. The length of the un-stretched specimen is observed after recovery.



FABRIC VERTICAL BURN TESTER

MODEL NO. F0007

The Fabric Vertical Burn Tester measures the flame spread properties of vertically oriented textile fabrics intended for apparel, curtains and draperies in the form of a single or multi component fabrics. A textile is held vertically in a frame. A small flame is used to ignite the specimen and the time is measured for the flame to spread up the specimen.



DIGITAL CROCKMETER

MODEL NO. C0019

The Crockmeter is designed to determine colour fastness from dry or wet tests. A test specimen is clamped to the base plate, where a peg is moved back and forth over the test specimen.



COLOUR CHECK CABINETS

MODEL NO. C0048

Used for assessing colour changes under different light sources, to determine suitability of materials for industrial applications where there is the need to maintain colour consistency and quality. Fluorescent daylight, incandescent and optional black light may be used either individually or in combination.



FLEXIBILITY & SURFACE FRICTION TESTER

MODEL HANDLE- O -
METER

Handle-O-Meter measures "handle" which is the combined effects of flexibility and surface friction of sheeted material such as nonwovens, tissue, toweling, film and textiles. The data generated has been shown to correlate well with the actual performance of the material in production processes and finished product performance.



COLOUR COMPARATIVE SYSTEM

MODEL
COLORSTRIKER

The ColorStriker is user-friendly and can be used in various industries to test almost any material or surface type, including textiles, leather, paint, varnishes, wood, tiles, plastics and more. Users can easily create and manage a custom colour archive. With the integrated texture library, the desired colour effect can be checked on screen for a wide variety of applications (ie. Wood chips, textile materials, leather etc).



COLOUR ANALYZER

MODEL NO. RBG-
1002

The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.



DRYING CABINET

MODEL D0012

The High Speed Mixer is used for the rapid mixing of foam compounds to produce a well-mixed sample pat, which can be poured to form a sample for testing purposes and quality control. It is made from Stainless Steel for easy cleaning, and featuring automated mixing, as well as variable mixing speeds for added ease of use.



COLOUR FASTNESS TESTERS

MODEL NO. C0010

The Colour Fastness Tester is one of a series for determining the colour fastness of textiles to various agencies. It determines the colorfastness of textiles to light using an artificial light source.



WRAP REELS

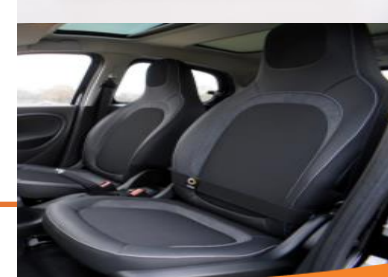
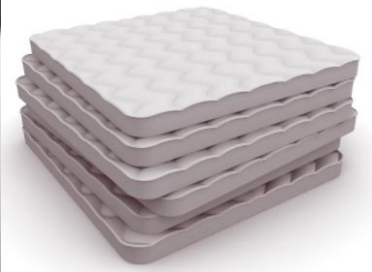
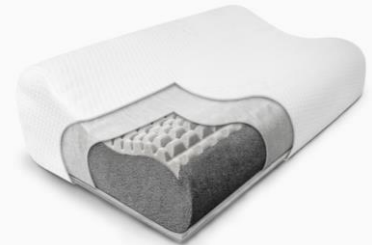
MODEL NO. WR T1/
WR-T2

Highly efficient, reliable in performance and have a longer service life, these high quality Wrap Reels are used to make yarn lea or hank of yarn for checking yarn count and strength/ CSP of lea. Easy to use and maintain, these Wrap Reels are recognized for their low power consumption and unmatched quality.

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FOAM INDUSTRY INSTRUMENTS



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ROLLER SHEAR MACHINE

MODEL NO. R0010

The Roller Shear Machine is used to determine the resistance to compression fatigue of flexible cellular polyurethane using dynamic roller compression testing. The Roller Shear Machine fatigues a specimen dynamically with a constant force deflecting the material both vertically and laterally. It has been used for many years in the foam industry to determine the percentage loss in thickness.



COMPRESSION TESTER

MODEL NO. F0028

The IDM Foam Compression Tester is used for determining the deflection force of flexible cellular polyurethane, with reference to various international standards, based on the ILD and IFD. A smaller version of the F0013 machine.



FOAM POROSITY TESTER

MODEL NO. F0031

The Auto FPT is used for monitoring the porosity of flexible cellular polyurethane. The machine determines how easy air passes through a cellular structure. Airflow values may be used as an indirect measurement of cell structure characteristics.



FOAM RESILIENCE TESTER

MODEL NO. F0030

The Foam Resilience Tester has been manufactured to determine the resilience of flexible cellular polyurethane. A steel ball is dropped vertically onto a test piece and the rebound height is measured and expressed as a percentage of the height dropped.



FOAM RESILIENCE TESTER - DIGITAL

MODEL NO. F0030

The F0030-M2 is a full digital model where once the ball is dropped the result is automatically captured on the touch screen, with the advantages of great repeatability, digital test results, statistical data and a USB port for exporting.



MATTRESS ROLLATOR & DURABILITY TESTER

MODEL NO: M0015

The Mattress Rollator consists of a weighted roller which moves width ways across a test mattress to simulate body movement. The length of stroke to which the Roller moves is very easily adjusted, by sliding the stroke adjusters left or right, to suit the relevant mattress under test. Unloading and loading of the Roller onto the test mattress is done easily via a motor driven lifting assembly.



CORNELL TYPE TESTER

MODEL NO. C0044

The C0044 is used to test the long term capacity of bedding to resist cyclic loading. The machine consists of a double hemispherical ram head on a manually adjustable shaft. A load cell is located on the ram head to measure the force being applied to the mattress.



BEDDING IMPACT TESTER

MODEL NO. B0008

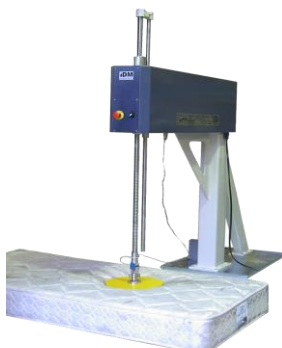
The Bedding Impact Tester is used to determine the effects of impact for comparison testing under realistic abuse conditions. The machine consists of a 79.5 ± 1 kg platen with a maximum load of 250kg which is used to drop down from specified heights. The machine operates both manually or automatically using an external PC linked to the computer.



FOAM COMPRESSION TESTER

MODEL NO. F0013

Used to evaluate a degree of firmness and hardness, common within the foam and furniture industries, based on a physical property called the indentation force deflection (IFD) and is calculated by determining the force required to deflect the test piece a percentage of its original thickness using a circular indenter. It is operated using the Universal Tester program developed by IDM.



MATTRESS COMPRESSION TESTER

MODEL NO. F0024

The Mattress Compression Tester is used to evaluate a degree of firmness common within the mattress and foam industries, either in the laboratory, or on the production line. This universal measurement of firmness and hardness is based on a physical property called the indentation force deflection (IFD) and is calculated by determining the force required to deflect the test piece a percentage of its original thickness using a circular indenter.



FOAM CONSTANT LOAD POUNDING MACHINE

MODEL NO. F0021

The Constant Load Pounding Machine is used for the determination of loss in thickness and loss in hardness of flexible cellular materials intended for use in upholstery. This test provides a means of assessing the service performance of flexible cellular materials of the latex and polyurethane types used in load-bearing upholstery. The test can be performed on both standard size test pieces cut from stock material and to shaped components.



THICKNESS GAUGE - FOAM & LOFTY PRODUCTS

MODEL NO. F0017-M1

The small variant of the Foam & Lofty products Thickness Gauge gives an accurate measurement of the thickness to be the basis for accurate values of various properties of cellular materials, such as density, tensile strength, tear resistance, and compression set.



THICKNESS GAUGE - FOAM & LOFTY PRODUCTS

MODEL NO. F0017-M2

This large model of the Foam & Lofty products Thickness Gauge gives an accurate measurement of the thickness to be the basis for accurate values of various properties of cellular materials, such as density, tensile strength, tear resistance, and compression set.



FOAM POROSITY METER

MODEL CELLFLO

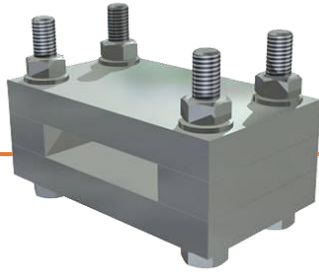
CellFlo is a pocket-sized digital instrument, ergonomically designed with soft grip edges for hand-held comfort. With a digital air flow reading of 0-100 (zero to 100% flow), the unit allows safe monitoring of foam quality at the production line cut-off. This can also assist necessary production adjustments during the run.



FOAM CONSTANT DISPLACEMENT FATIGUE TESTER

MODEL NO. F0029

The Constant Displacement Foam Fatigue is a floor standing instrument with two daylight samples areas, one on the left and right side of the machine. The center, top and bottom plates are stationary, while the upper and below center platens simultaneously move up and down. Compression platens measure 500mm x 500mm. 2 Capacity and 4 Capacity units available.



CONSTANT DEFLECTION COMPRESSION TESTER

MODEL NO. F0026

The Constant Deflection Compression Tester is designed to measure the change of thickness of a polyurethane sample of 50mm x 50mm, after deflecting the test piece to a specified deflection, at a certain amount of time and temperature.



CONSTANT DEFLECTION STATIC FORCE

MODEL NO. F0027

The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.



FOAM PAT HIGH SPEED MIXER

MODEL M0005

The High Speed Mixer is used for the rapid mixing of foam compounds to produce a well-mixed sample pat, which can be poured to form a sample for testing purposes and quality control. It is made from Stainless Steel for easy cleaning, and featuring automated mixing, as well as variable mixing speeds for added ease of use.



FOAM PAT MIXER

MODEL NO. F0009

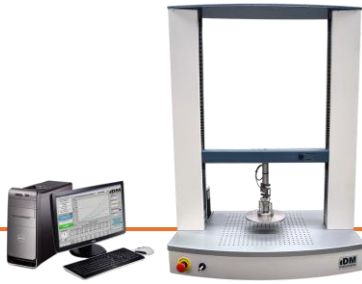
A smaller version of model M0004, the Foam Pat Mixer helps produce a well-mixed sample pat, which can be poured to form a sample for testing purposes and quality control. It features Stainless Steel components for easy cleaning, as well as variable mixing speeds for added ease of use.



FOAM COMPRESSION TESTER – PORTABLE

MODEL NO. F0029

This bench top operated Foam Compression Tester is designed to automatically determine Compression Load Deflection of flexible cellular polyurethane samples, up to a size of 10cm x 10cm x 5cm thick and provides compression and recovery curve analysis via PC. An economic solution to foam compression where smaller samples are applicable.



UNIVERSAL TESTING MACHINE - DUAL

MODEL NO: F0025

The Universal Testing Machine has been specially designed and manufactured to perform tests in both compression and tensile, without having to change the attachments. IDM Instruments Pty Ltd has designed their Universal Testing Machine with fixed dual testing capabilities comprising of compression testing on the inner and tensile testing on the outer frame.



THICKNESS GAUGE FOR HIGH LOFT PRODUCTS

MODEL NO. T0022

This unit has been designed to measure the thickness of high loft nonwoven material, by means of a digital readout. Thickness is determined by observing the linear distance that a moveable plane is displaced from a parallel surface by the specimen while under a specified pressure.



ARBOUR CUTTING PRESS

MODEL NO: C0022

The handle operated manual Arbour Press is used in conjunction with cutting dies to produce testing samples. An optional cutting die adaptor can be used when using the Arbour Press with the Tool Steel cutting dies for fast and repetitious sample preparation.



UTM - SINGLE COLUMN

MODEL NO: U0001

The Single column UTM is a highly configurable force tester for tension and compression measurement applications up to 150kg (1.5kN).



THICKNESS GAUGES - HAND HELD

MODEL NO. T0014

Handheld Thickness Gauges can be used on many different materials where an accurate measurement of thickness is required. Different models are available depending on weight and contact point required.



FOAM PRESSURE RHEOMETER

MODEL NO:
2030SD

The Foam Pressure Rheometer is specially designed for foam testing, the UR-2030 & UR-2030 SD provide accuracy of automatic die oscillating frequency and torque transmission.



HYDRAULIC UNIVERSAL TESTING MACHINES

MODEL NO. WEW

Hydraulic Universal Testing Machines are useful for testing various materials include tension, compression, bending and shearing tests. The tests can be performed according to GB, ISO, ASTM, DIN or other equal standards.



PRO WI-FI MICROSCOPE

MODEL NO. PRO-
WIFI

With high magnification, this is a very innovative handheld colour digital microscope with wireless transmission. It breaks the conception of traditional microscope to obtain measurement results, conservation, copy and transfer of images and video which are difficult for a traditional microscope.



REBOUND RESILIENCE TESTER

MODEL NO: UA-
2207

The Rebound Resilience Elasticity Tester is a digital instrument. It determines the resilience elasticity of elastomers, soft elastic foams and similar during shock loading calculation of median value. The median value is on the display and sent to the PC afterwards. A test function allows the control of the prescribed double swinging.



DUAL-COLUMN UTM

MODEL NO. T0014

Dual-column Universal Testing Machines are suitable for tensile, compression tests. And all other special load tests for various materials. This electronic universal testing machine is comprised of Main frame, mechanical limited switch, electrical system, testing fixture, computer and printer.

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
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PACKAGING INDUSTRY INSTRUMENTS



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BOX COMPRESSION TESTERS

VARIOUS MODELS

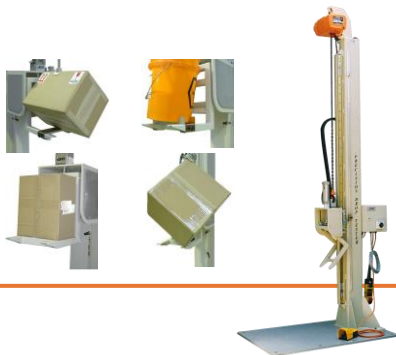
Available in 3 capacities – 50kN, 50kN & 100kN, the Box Compression Tester is a floor-mounted machine where a complete pallet can be loaded into the machine. It is designed to evaluate packages and material under compressive loads. One platen is supplied with the machine measuring 1000mm x 800mm x 25mm which can be fixed or floated, as well as a base platen with the same dimensions. The software used is the IDM Instruments Pty Ltd® Universal Tester Software.



BOX OPENING PRESSURE TESTER

MODEL NO. B0013

This unit has been designed to measure the thickness of high loft nonwoven material, by means of a digital readout. Thickness is determined by observing the linear distance that a moveable plane is displaced from a parallel surface by the specimen while under a specified pressure.



PRECISION DROP TESTERS

VARIOUS MODELS

Available models include 150 kg capacity & 75 kg capacity, this instrument Performs vertical impact tests on complete, filled transport packages by dropping. The test may be performed either as a single test to investigate the vertical impact or as part of a sequence of tests designed to measure the ability of a package to withstand a distribution system that includes a vertical impact hazard. Optional fixtures can be supplied to conduct bucket drop, corner drop, and edge drop tests.



BURSTING STRENGTH TESTER

MODEL NO. BT-21C/P

The Bursting Strength Tester determines the bursting strength of paper, board and corrugated board. It features built-in software, operated through the touch panel screen. The software allows a choice of testing units, as well as complete statistics, and RS-232 for connection to an external computer



COBB MOISTURE ABSORPTION TEST RING & ROLLER

MODEL NO. C0005 & C0006

The Cobb Moisture Absorption Test Ring and Roller have been specifically designed to help determine the quantity of water absorbed by non-bibulous paper, paperboard and corrugated fibreboard. It is not suitable for tests on un-sized porous papers such as newsprint or blotting paper.



CARTON CREASE PROOFER

MODEL NO: C0053

This user-friendly instrument is commonly utilized in ink laboratories to assist the development of flexible coatings that resist cracking on commercial cartons. It allows the operator to quickly produce quality carton board crease samples without committing machine time. The unit comes complete with robust rules & dies which are of the same quality of those used with a full scale cut and crease machine.



CREASE & STIFFNESS TESTER

MODEL NO. C0039-M1

This unit has been designed to measure the thickness of high loft nonwoven material, by means of a digital readout. Thickness is determined by observing the linear distance that a moveable plane is displaced from a parallel surface by the specimen while under a specified pressure.



CREASE TESTER FOR ROUND CORNERS

MODEL NO. C0039-M2

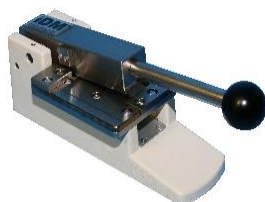
The C0039-M2 is specifically designed to determine the crease recovery for cartons with rounded corners. The unit can be adjusted to also attach a 90° Crease fixture.



DIGITAL CREASE STIFFNESS TESTER

MODEL NO. C0039-M3

Along with the above-mentioned features of the C0039 M1 & M2 model, C0039-M3 includes a digital display. The real-time display screen is the latest addition to the Digital Stiffness Tester. The digital display is colour touch screen ensures simple operation making it convenient to check statistics, test reports and results. This product is the latest and most updated version available



CREASE AND STIFFNESS CUTTER

MODEL NO. C0016

The Tetrapod Abrasion Tester tests the mechanical action on surface texture of textile carpet. A cylindrical drum, is rotated so that the tetrapod 'walks' over the specimens. The appearance of the tested specimen is compared to that of a concurrently tested controlled specimen.



COEFFICIENT OF FRICTION TESTER – MANUAL

MODEL NO. C0054

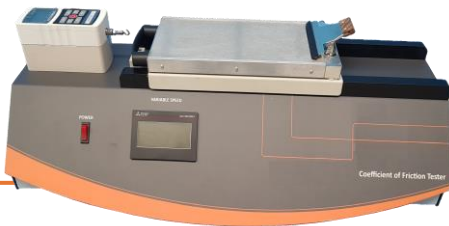
This user-friendly instrument is commonly utilized in ink laboratories to assist the development of flexible coatings that resist cracking on commercial cartons. It allows the operator to quickly produce quality carton board crease samples without committing machine time. The unit comes complete with robust rules & dies which are of the same quality of those used with a full scale cut and crease machine.



COEFFICIENT OF FRICTION TESTER - STANDARD

MODEL NO. C0055-M1

The standard C0055-M1 unit can measure Static COF (peak) from a resting position and continue to move testing surfaces in a relative motion to give an accurate kinetic COF (dynamic) result. This model features a stationary sled with a moving plane and also comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COEFFICIENT OF FRICTION TESTER – VARIABLE SPEED

MODEL NO. C0055-M2

The C0055-M2 comes with the addition of variable speed from 50 – 300mm/min using a stepper motor for accurate variable speed control. Controls are via an LCD touch screen for stop, start, home and speed changes. This model is the next level in accurate and precise COF measurement for static and kinetic results and comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COF TESTER – VARIABLE SPEED & HEATED PLATEN

MODEL NO. C0055-M2

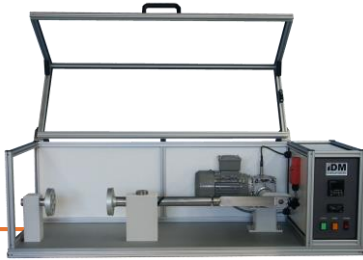
The Hydrostatic Head Tester is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. The hydrostatic pressure supported by a fabric is a measure of the resistance to the passage of water through the fabric.



COEFFICIENT OF FRICTION TESTER – INCLINE PLANE

MODEL NO. C0045

This apparatus is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. A manual version of the Hydrostatic Head Tester, the user operates the hand pump.



GELBO FLEX TESTER – PLASTIC

MODEL G0002

The Gelbo Flex Tester is used to determine whether certain laminations of plastic withstand repetitive strain. By attaching sample pieces of laminated plastic to the two circular clamping disks, via hose clamps, the specimen is twisted and turned to the specific movements. This process will show a visual result of pin holding and delamination.



FILM FREE SHRINK TESTER

MODEL NO. F0006

The Film Free Shrink Tester consists of a small, circular aluminium block, electrically heated and controlled by a temperature controller. Using aluminium foil discs with silicon oil, the test piece is placed into it to accelerate shrinkage at selectable temperatures.



HOT TACK TESTER

MODEL NO. H0005

An advanced system for monitoring the seal performance of flexible and semi rigid plastic bags or tubes. This unit determines the capability of a heat-seal joint to hang together when it is stressed, at a specified time interval, while still hot from the sealing operation, but before it reaches ambient temperature. The overall design of a package can contribute or detract from the materials ability to provide hot tack during the sealing process.



ECONOMIC HOT TACK TESTER

MODEL NO. GBR

Drying Ovens are available to suit a variety of heating and drying applications. Fan forced ovens feature digital temperature control, high capacity heating elements, heavy duty fan motors, adjustable exhaust vent, positive door latch and superior horizontal air flow system.



GURLEY AUTOMATIC DENSOMETER & SMOOTHNESS TESTER

MODEL NO. 4340

This unit measures the porosity, air-permeability or air resistance of sheet-like materials. It combines the abilities of a low, standard and high pressure tester with a digital timer that provides a reading in seconds.



CONCORA FLUTTER

MODEL NO. C0013

This machine is used to form test flutes in medium in preparation for crush tests. Temperature is maintained at a constant 175°C. One roller is motor driven at 4 r/min, while the other is free to rotate with a minimum of friction or other resistance. Variable speed option is available.



COATING THICKNESS GAUGE

MODEL NO.
CTG300

An efficient and clean method of measuring and applying a precise volume of ink to the Proofer unit. It is clearly marked with graduations of 0.1 ml enabling the operator to measure an accurate and repeatable volume of ink up to 1.0 ml in 0.05 ml increments.



INK RUB TESTERS (SUTHERLAND)

MODEL NO. I0001

Ink Rub Testers are designed to determine the quality of adhesion, and scuff resistance of ink to paper surfaces, plastic and aluminium film. The method of operation is that a 2 or 4 lb weight with a clean white board is swept across the test piece for a set number of times, and then closely examined. Heated weights are also available for these units.



COLOUR CHECK CABINETS

MODEL NO. C0048

Used for assessing colour changes under different light sources, to determine suitability of materials for industrial applications where there is the need to maintain colour consistency and quality. Fluorescent daylight, incandescent and optional black light may be used either individually or in combination.



INKOMETER - ELECTRONIC

MODEL NO. 1100

This machine measures the apparent tack of printing ink under conditions closely approximating the dynamic conditions of the ink-distribution system of a printing press. The testing instrument provides the highest accuracy and efficiency for research and development, quality control and process evaluation to verify, test and improve quality.



PAPER TUBE CRUSH TESTER

MODEL NO: C0020

This unit has been designed as a cost effective machine to measure the strength of manufactured paper cores up to a crushing force of 10kN. The crush test samples can be slices of the paper core ranging from 25mm to 100mm wide and up to 300mm in diameter.



PAPER SCHMIDT HAMMER

MODEL NO. 3421

An efficient and clean method of measuring and applying a precise volume of ink to the Proofer unit. It is clearly marked with graduations of 0.1 ml enabling the operator to measure an accurate and repeatable volume of ink up to 1.0 ml in 0.05 ml increments.



PERMEABILITY CUP - VAPOMETERS

VARIOUS MODELS

Crush Testers determine the compression strength of corrugated and fibreboard and their components. Operation is completed by built-in software through an easy to use backlit alphanumeric keypad. Optional accessories are available for Flat Crush, Edge Crush, Short Column, Pin Adhesion, Ring Crush, Corrugated Crush-Cross Direction etc.



PET BOTTLE PRESSURE TESTER

MODEL NO. PEBT-4000

The PEBT-4000 PET Bottle Pressure Tester is an advance testing equipment specialized for testing the PET bottles. It has been designed in conformity to the three international commonly used testing methods: (1) Ramp Fill Mode; (2) Burst Mode; (3) User-Defined Mode. The machine uses touch screen interface with automatic effusion, clamping the sample and testing.



PACKAGE SHAKER VIBRIMAX

MODEL NO. UMX

Package Shakers are designed for laboratory simulation of typical hazards present in the distribution environment. Featuring adjustable vibration frequency of 25Hz (120-300rpm).



BOX CALIPERS

MODEL NO. C-INT

Box Calipers are used by manufacturers and end users to control quickly and precisely the internal dimensions of packages. This is fundamental to the preservations of the goods wrapped during transportation, storage and handling; thus reducing the risk of possible future losses caused by products out of specification.



CREASE BEND TESTER

MODEL NO. B0012

An efficient and clean method of measuring and applying a precise volume of ink to the Proofer unit. It is clearly marked with graduations of 0.1 ml enabling the operator to measure an accurate and repeatable volume of ink up to 1.0 ml in 0.05 ml increments.



CRUSH TESTER

MODEL NO. CT-21

Crush Testers determine the compression strength of corrugated and fibreboard and their components. Operation is completed by built-in software through an easy to use backlit alphanumeric keypad. Optional accessories are available for Flat Crush, Edge Crush, Short Column, Pin Adhesion, Ring Crush, Corrugated Crush-Cross Direction etc.



FLAT CRUSH TESTER CUTTER & FIXTURE

MODEL NO. C0032
& F0011

Evaluates the resistance of flutes in corrugated board to a crushing force applied perpendicular to the surface of the board. The Flat Crush Test requires the use of the F0011 fixture to prevent lateral movement of the upper portion of the test piece during compressions and also the use of the Cutter which can cut through the corrugated structure, leaving clean cut edges at right angles to the faces.



RING CRUSH TEST FIXTURE

MODEL NO. R0008

Designed to carry out the ring crush test for paper and board having an average thickness of up to 1000µm, for the purpose of MD ring crush, CD ring crush, liner or fair side. The test piece of paper or board is supported in the ring crush holder and subjected to edgewise compression between the platens of a crush testing machine.



SCORE BEND TESTERS

VARIOUS MODELS

IDM offers machines to measure the force to open or bend paperboard and scored paper carton. Optional fixtures can be fitted to also conduct spring back after folding, providing critical information for sealing or gluing operations.



SCOTT INTERNAL BOND TESTER

MODEL NO.
PCA1270

This instrument is used to produce a high speed Z-directional rupture of paper and paperboard. It is a dynamic test that measures and defines strength in terms of energy absorption.



TENSILE TESTER – MANUAL

MODEL Z SPAN

Crush Testers determine the compression strength of corrugated and fibreboard and their components. Operation is completed by built-in software through an easy to use backlit alphanumeric keypad. Optional accessories are available for Flat Crush, Edge Crush, Short Column, Pin Adhesion, Ring Crush, Corrugated Crush-Cross Direction etc.



TENSILE TESTER – AUTOMATIC

MODEL NO. PEBT-
4000

The Automated Z-Span™ Tester can automatically update a local PC-based Excel data-base. The Automated Z-Span Tester is calibrated and control software is loaded as part of in-factory system integration.



THICKNESS GAUGES - ULTRASONIC

MODEL NO. T2100
SERIES

Thickness of the measured material is based on the accurate time that the ultrasonic transmits in the material. This Gauge series are equipped with microcomputers that analyze, handle and display the current data. They feature highly optimized measuring circuits and offer high measurement accuracy.



HALL EFFECT THICKNESS GAUGE

MODEL MBT-300

Featuring a large display screen, this instrument is designed to measure the thickness of non-magnetic material up to 25.4mm thick (glass & plastic bottles, aluminum cans etc.)



BOTTLE WALL THICKNESS GAUGE

MODEL NO. BWTF-200

The Contact Angle tester is designed to check surfaces properties for contamination, adhesion and printability of various materials. It measures the dynamic contact angle as wetting, absorption and spreading over time. With an integrated camera which captures 80 images per second, this user-friendly unit runs via USB connection to a PC.



LIGHT TRANSMISSION & HAZE TESTERS

MODEL NO. SGW-810

To test the light transmittance and haze degree of all transparent and semi-transparent parallel plane samples (plastic plate, sheets etc), and turbidity or clarity of liquid samples (water, drinks etc), used in the industries of plastics, membrane, coatings and paints, printing ink etc..



LIGHT TRANSMISSION TESTER

MODEL NO. L0005

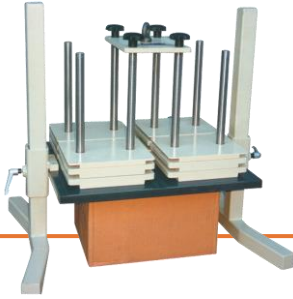
The Light Transmission Tester has been specially designed and manufactured to evaluate the light transmission properties of various shaped plastic containers.



GLOSS & HAZE METERS

MODEL QUICKPEEK

A range of Gloss Meters are available to determine the specular reflection of various materials. Gloss Meters can measure in 20°, 60° or 80°, all in the one single unit, with results displayed instantly, including the difference, pass/fail and statistics on display.



DEAD WEIGHT COMPRESSION TESTER

MODEL D0003

Designed to perform either as a single test to investigate the effect of deformation, creep, collapse or failure as part of a sequence of tests designed to measure the ability of a package, to withstand a distribution system that includes a compression hazard. It may also be used to investigate performance under particular conditions of loading.



DESNOMETER

MODEL NO. PAG-100

The air permeance is the flow of air through unit area under unit pressure difference in unit time, under specified test conditions and is expressed in $\mu\text{m}/\text{Pa}\cdot\text{s}$. This equipment is used to measure the thickness of paper, plastic, tissue and other sheeted material and features a built-in computer and exclusive testing software.



DIGITAL MICROMETERS

MODEL NO. D0011

This range of instruments is used to measure the thickness of paper, plastic, tissue and other sheeted material, these units automatically cycle up and down, providing an accurate and repeatable thickness reading at the end of each cycle.



DRYING OVENS

VARIOUS MODELS

Drying Ovens are available to suit a variety of heating and drying applications. Fan forced ovens feature digital temperature control, high capacity heating elements, heavy duty fan motors, adjustable exhaust vent, positive door latch and superior horizontal air flow system.



EDGE COMPRESSION CUTTER & GUIDE BLOCKS

MODEL E0001 & E0002

The Quickpeek Color Proofing Kit is used to quickly produce a proof that replicates how ink will appear on a printed copy from the press. Different rollers can be used for heat set inks or UV inks.



COLOUR COMPARATIVE SYSTEM

MODEL
COLORSTRIKER

The ColorStriker is user-friendly and can be used in various industries to test almost any material or surface type, including textiles, leather, paint, varnishes, wood, tiles, plastics and more. Users can easily create and manage a custom colour archive. With the integrated texture library, the desired colour effect can be checked on screen for a wide variety of applications (ie. Wood chips, textile materials, leather etc).



COLOUR ANALYZER

MODEL NO. RBG-
1002

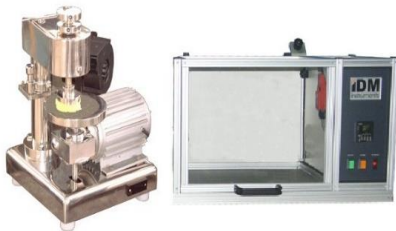
The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.



PAGE PULL TESTERS

MODEL NO. P0011

The Page Pull Tester has been designed and manufactured to measure the strength required to pull pages out of bound books and magazines. The force is displayed on the digital read out, ensuring a quality bound book is provided to customers.



RUB PROOF TESTER

MODEL NO. 10005

The Rub Proof Tester is used to evaluate the ink transfer from printed / coated materials from rubbing. 3 x dead loads are included to place one on top of the upper disc to achieve a known pressure.

The sample holders are manufactured from stainless steel to enable dry or wet rubs and a digital cycle counter stops the test at the pre-set value.



COLOUR PROOFING KIT

MODEL QUICKPEEK

The Quickpeek Color Proofing Kit is used to quickly produce a proof that replicates how ink will appear on a printed copy from the press. Different rollers can be used for heat set inks or UV inks.



ISO BRIGHTNESS

VARIOUS MODELS

IDM offer a range of economical and easy to use brightness testers which provide instantaneous digital read outs of TAPPI/GE brightness, with the option of measuring with and without the excitation of fluorescent agents.



PROFILE/PLUS™ TAPPI BRIGHTNESS

VARIOUS MODELS

The PROFILE/Plus TAPPI Brightness measures optical properties according to industry standards including colour, opacity, fluorescence, TAPPI Brightness and colour difference.



PROFILE/PLUS™ ROUGHNESS & POROSITY

VARIOUS MODELS

The Technidyne PROFILE/Plus Roughness and Porosity measures surface roughness and air permeance according to industry standard methods. Includes two sided measurements, selectable reporting units, dry diaphragm air compressor, NIST traceable laminar flow elements, barometric pressure and temperature compensation.



TEST/PLUS™ GLOSS

VARIOUS MODELS

This instrument combines industry standardized measurement technology with an innovative control package that allows the user to tailor build their testing and evaluation capabilities. Built on the Android software platform, the interface can be customized with the features important to you. Available in 75- and 20-degree angles.



PROFILE/PLUS™ TENSILE

VARIOUS MODELS

With a precise punch and die assembly to ensure constant sample size, this unit automatically performs sample clamping, measurements of MD and CD tensile strength, elongation, and TEA all on its own.

User defined measurement parameters means that grade specific reporting units can be selected.



LABORATORY HEAT SEALERS

MODEL NO. L0001-
PRO & PRO-S

Laboratory Heat Sealers are designed to be used for development work to help determine the sealing properties and characteristics of plastic and laminated materials. The Heat Sealer is electrically heated and temperature controlled with adjustable sealing pressure, controlled by a timer.



LAMINATOR

VARIOUS MODELS

The Pulmac Laminator is a robust laminator designed to be used with the Pulmac MasterScreen for sample preparation of displays for analysis of Stickies, Dirt, and/ or Shives by scanner. This laminator is designed for industrial use. Temperature, nip pressure, and roller speed have been standardized. The unit comes with a carrier.



MOISTURE BALANCES

MB SERIES

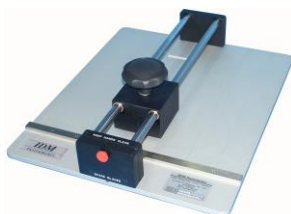
The MB Series Moisture Balance offer superior performance and great value, with basic as well as advanced models available. It features fast halogen element which provides uniform infrared heating and durability.



MOISTURE METERS

VARIOUS MODELS

Universal moisture meters determine the moisture content in paper, cardboards, wood, building materials, isolation and other materials. A range of moisture meters are available to suit applications and budgets.



QUICK CUT

MODEL NO. C0046

An easy to operate apparatus used for cutting corrugated cardboard for sample preparation. The base is supplied with engraved cutting guides for quick and easy cutting of cardboard.



WATER RESISTANCE OF GLUE BOND TESTER

MODEL NO. RC-21

Specifically designed to determine the resistance of corrugated paperboard to withstand wet conditions by immersion in water.



WATER VAPOR PERMEATION ANALYZER GRAVIMETRIC

MODEL NO. W300

With the Gravimetric Method, these units test the water vapour transmission rate (WVTR) of packaging materials, such as plastic film, composite film, co-extrusion film, aluminium-plated film, aluminium foil, infusion bag, sheets, paper, paper board, solar battery panel, cellophane, ceramics and porcelain, and various containers such as bag, pouch, bottle, can, bowl, box, widely used in the industries of food, pharmaceuticals etc.



WATER VAPOR PERMEATION ANALYZER INFRARED

MODEL NO. W402

With the Infrared Detection Sensor Method, this unit tests the water vapor transmission rate of various materials, including: plastic film, composite film, aluminum-plated film, aluminum foil etc.; packaging containers, such as bag, bottle, bowl, can etc.; sheets, such as PP sheet, PVC sheet, rubber, building material, porcelain; other application, such as solar panel, paint film, medical patch etc.



WATER VAPOUR TRANSMISSION TESTER

MODEL NO. PVA/4

Used for the preparation of test pieces for the accurate measurement of the water vapour transmission rate flexible packaging materials, including parchment, wax paper, polyethylene, vinyl, cellophane, foil, laminates, and other materials.



THICKNESS GAUGES - HAND HELD

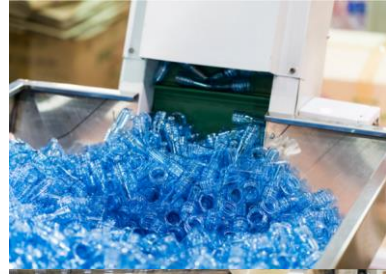
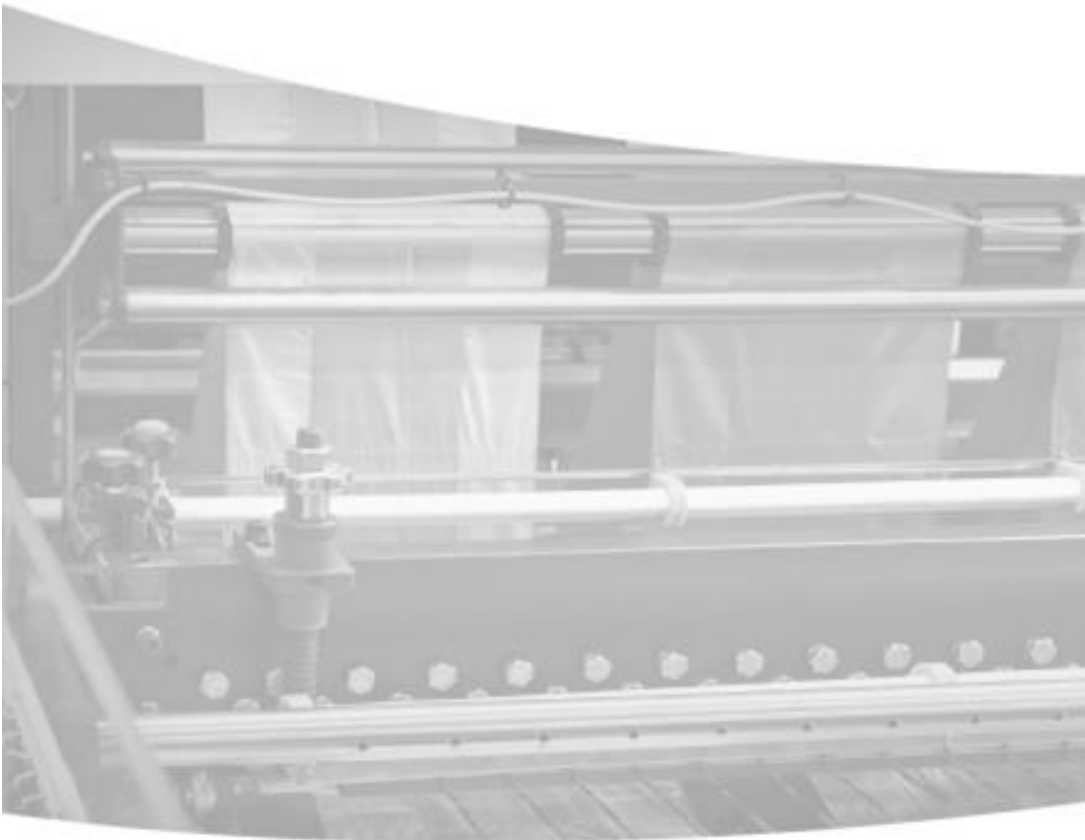
MODEL NO. T0014

Handheld Thickness Gauges can be used on many different materials where an accurate measurement of thickness is required. Different models are available depending on weight and contact point required.

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COEFFICIENT OF LINEAR THERMAL EXPANSION TESTER

MODEL NO. C0007

The Coefficient of Linear Thermal Expansion Tester is used for determining the linear change of a refractory caused by a change in temperature and to ascertain the reversibility of these characteristics.



DUPONT IMPACT TESTER

MODEL NO. I0007

The DuPont Impact Tester has been designed to test the endurance of coated material, when impacted by a falling weight at specified points. The purpose of the test is to see if test specimens can resist the effect of rapid impact testing. The DuPont Impact Tester can also be used on paintings with coated materials.



FALLING DART IMPACT TESTER

MODEL NO. F0008

Determines of the energy that causes Polyethylene Film to fail under specified conditions, with the impact of a free-falling dart. The A & B Method unit comes with applicable weights and:
Method A: 1x 38mm (50g) Aluminium Dart Head with a drop height of 660mm
Method B: 1x 50mm (280g) Stainless Steel Dart Head with adjustable drop height from 660mm to 1500mm)



IMPACT TESTERS

**MODEL NOS. I0003
& I0004**

Model: I0003 – Small Ball Impact
Model I0004 – Large Ball Impact

These units are used to measure the resistance of impact on laminated surfaces / floor covering elements by the minimum impact force needed to cause visible damage to the surface under test.



DIGITAL IZOD IMPACT TESTER

**MODEL NO. XJU-
22S**

The XJU-22S adopts the technology of the photoelectric encoder to examine the angle, measures material absorption, energy and impact intensity of the material in the course of breaking. It possesses intact energy, loss detection and revision functions, high precision and stability and a large testing range.



FLEXIBLE MODULUS TESTER

MODEL NO. F0019

The Flexible Modulus tester is used to determine the flexural properties of reinforced and unreinforced plastics, including high-modulus composites and electrical insulating materials in the form of rectangular bars moulded directly or cut from sheets, plates, or moulded shapes.



GARDNER TYPE IMPACT TESTER

MODEL NO. G0001

The Gardner Type Impact Tester is used to rank materials according to the energy required to break flat, rigid plastic specimens, under various specified conditions of impact of a striker, impacted by a falling weight.



SPENCER IMPACT TESTER

MODEL NO. 60-2006

The C0039-M2 is specifically designed to determine the crease recovery for cartons with rounded corners. The unit can be adjusted to also attach a 90° Crease fixture.



GLOW WIRE TESTER

MODEL NO. G0003

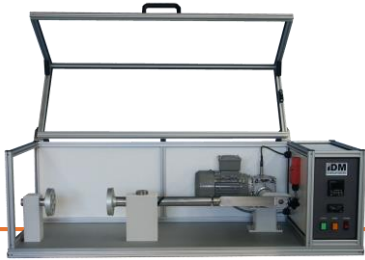
Along with the above-mentioned features of the C0039 M1 & M2 model, C0039-M3 includes a digital display. The real-time display screen is the latest addition to the Digital Stiffness Tester. The digital display is colour touch screen ensures simple operation making it convenient to check statistics, test reports and results. This product is the latest and most updated version available



FOGGING TESTER

MODEL NO. FT-150

The fogging tester is professionally designed for the fogging characteristics evaluation of volatile constituents of decorating materials used in cars and aircrafts, e.g. plastic articles, polyurethane, textiles, leather, adhesives, nonwovens and thermal forming elastomers at high temperature conditions



GELBO FLEX TESTER – PLASTIC

MODEL G0002

The Gelbo Flex Tester is used to determine whether certain laminations of plastic withstand repetitive strain. By attaching sample pieces of laminated plastic to the two circular clamping disks, via hose clamps, the specimen is twisted and turned to the specific movements. This process will show a visual result of pin holding and delamination.



FILM FREE SHRINK TESTER

MODEL NO. F0006

The Film Free Shrink Tester consists of a small, circular aluminium block, electrically heated and controlled by a temperature controller. Using aluminium foil discs with silicon oil, the test piece is placed into it to accelerate shrinkage at selectable temperatures.



HOT TACK TESTER

MODEL NO. H0005

An advanced system for monitoring the seal performance of flexible and semi rigid plastic bags or tubes. This unit determines the capability of a heat-seal joint to hang together when it is stressed, at a specified time interval, while still hot from the sealing operation, but before it reaches ambient temperature. The overall design of a package can contribute or detract from the materials ability to provide hot tack during the sealing process.



ECONOMIC HOT TACK TESTER

MODEL NO. GBR

Drying Ovens are available to suit a variety of heating and drying applications. Fan forced ovens feature digital temperature control, high capacity heating elements, heavy duty fan motors, adjustable exhaust vent, positive door latch and superior horizontal air flow system.



LABORATORY HEATED PRESSES

MODEL NO. L0002
& L0003

For applications including moulding rubber, plastic and composites, IDM's Laboratory Presses are designed for pressing or helping to form samples between two heated platens. Two digital temperature controllers enable the platens to be heated or cooled and even set process times for heating and cooling. A digital panel meter is used to display the compression force (kgf) enabling fast and accurate operation.



COEFFICIENT OF FRICTION TESTER – MANUAL

MODEL NO. C0054

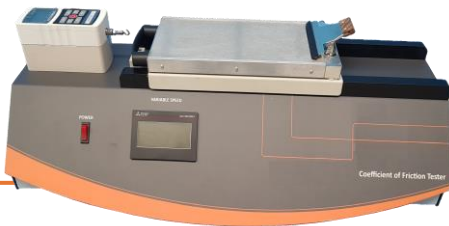
This user-friendly instrument is commonly utilized in ink laboratories to assist the development of flexible coatings that resist cracking on commercial cartons. It allows the operator to quickly produce quality carton board crease samples without committing machine time. The unit comes complete with robust rules & dies which are of the same quality of those used with a full scale cut and crease machine.



COEFFICIENT OF FRICTION TESTER - STANDARD

MODEL NO. C0055-M1

The standard C0055-M1 unit can measure Static COF (peak) from a resting position and continue to move testing surfaces in a relative motion to give an accurate kinetic COF (dynamic) result. This model features a stationary sled with a moving plane and also comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COEFFICIENT OF FRICTION TESTER – VARIABLE SPEED

MODEL NO. C0055-M2

The C0055-M2 comes with the addition of variable speed from 50 – 300mm/min using a stepper motor for accurate variable speed control. Controls are via an LCD touch screen for stop, start, home and speed changes. This model is the next level in accurate and precise COF measurement for static and kinetic results and comes with the option of computer software to record data. Peel Testing can also be carried out on this unit.



COF TESTER – VARIABLE SPEED & HEATED PLATEN

MODEL NO. C0055-M2

The Hydrostatic Head Tester is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. The hydrostatic pressure supported by a fabric is a measure of the resistance to the passage of water through the fabric.



COEFFICIENT OF FRICTION TESTER – INCLINE PLANE

MODEL NO. C0045

This apparatus is used to determine the resistance of textile fabrics to penetration by water at a constant rate of increase of pressure. A manual version of the Hydrostatic Head Tester, the user operates the hand pump.



MELT FLOW INDEXER - MANUAL

MODEL NO: M0004

Melt Flow Indexers are dead-weight extrusion plastometers. Consisting of a thermostatically controlled melting chamber (the barrel) in which the polymer under test is heated and from which it is extruded through a standard die under standard conditions of load, which is made up of the combined weights of the extrusion piston and the loose weights.



MELT FLOW INDEXER - AUTOMATIC

MODEL NO. XNR-400

The Auto MFI is suitable for determining the MVR and MFR of thermoplastic. Not only can test the high melt temperature such as PC, Fluor plastics and nylon, but also PE, PP, POM, PS, ABS resin which has low melt temperature. This unit features LCD touch screen operation, auto cut-off function and built in printer which automatically prints test results.



INK RUB TESTERS (SUTHERLAND)

MODEL NO. I0001

Ink Rub Testers are designed to determine the quality of adhesion, and scuff resistance of ink to paper surfaces, plastic and aluminium film. The method of operation is that a 2 or 4 lb weight with a clean white board is swept across the test piece for a set number of times, and then closely examined. Heated weights are also available for these units.



COLOUR CHECK CABINETS

MODEL NO. C0048

Used for assessing colour changes under different light sources, to determine suitability of materials for industrial applications where there is the need to maintain colour consistency and quality. Fluorescent daylight, incandescent and optional black light may be used either individually or in combination.



INKOMETER - ELECTRONIC

MODEL NO. 1100

This machine measures the apparent tack of printing ink under conditions closely approximating the dynamic conditions of the ink-distribution system of a printing press. The testing instrument provides the highest accuracy and efficiency for research and development, quality control and process evaluation to verify, test and improve quality.



BOX CALIPERS

MODEL NO. C-INT

Box Calipers are used by manufacturers and end users to control quickly and precisely the internal dimensions of packages. This is fundamental to the preservations of the goods wrapped during transportation, storage and handling; thus reducing the risk of possible future losses caused by products out of specification.



CREASE BEND TESTER

MODEL NO. B0012

An efficient and clean method of measuring and applying a precise volume of ink to the Proofer unit. It is clearly marked with graduations of 0.1 ml enabling the operator to measure an accurate and repeatable volume of ink up to 1.0 ml in 0.05 ml increments.



CRUSH TESTER

MODEL NO. CT-21

Crush Testers determine the compression strength of corrugated and fibreboard and their components. Operation is completed by built-in software through an easy to use backlit alphanumeric keypad. Optional accessories are available for Flat Crush, Edge Crush, Short Column, Pin Adhesion, Ring Crush, Corrugated Crush-Cross Direction etc.



FLAT CRUSH TESTER CUTTER & FIXTURE

MODEL NO. C0032
& F0011

Evaluates the resistance of flutes in corrugated board to a crushing force applied perpendicular to the surface of the board. The Flat Crush Test requires the use of the F0011 fixture to prevent lateral movement of the upper portion of the test piece during compressions and also the use of the Cutter which can cut through the corrugated structure, leaving clean cut edges at right angles to the faces.



RING CRUSH TEST FIXTURE

MODEL NO. R0008

Designed to carry out the ring crush test for paper and board having an average thickness of up to 1000µm, for the purpose of MD ring crush, CD ring crush, liner or fair side. The test piece of paper or board is supported in the ring crush holder and subjected to edgewise compression between the platens of a crush testing machine.



SCORE BEND TESTERS

VARIOUS MODELS

IDM offers machines to measure the force to open or bend paperboard and scored paper carton. Optional fixtures can be fitted to also conduct spring back after folding, providing critical information for sealing or gluing operations.



SCOTT INTERNAL BOND TESTER

MODEL NO.
PCA1270

This instrument is used to produce a high speed Z-directional rupture of paper and paperboard. It is a dynamic test that measures and defines strength in terms of energy absorption.



TENSILE TESTER – MANUAL

MODEL Z SPAN

Crush Testers determine the compression strength of corrugated and fibreboard and their components. Operation is completed by built-in software through an easy to use backlit alphanumeric keypad. Optional accessories are available for Flat Crush, Edge Crush, Short Column, Pin Adhesion, Ring Crush, Corrugated Crush-Cross Direction etc.



TENSILE TESTER – AUTOMATIC

MODEL NO. PEBT-
4000

The Automated Z-Span™ Tester can automatically update a local PC-based Excel data-base. The Automated Z-Span Tester is calibrated and control software is loaded as part of in-factory system integration.



THICKNESS GAUGES - ULTRASONIC

MODEL NO. T2100
SERIES

Thickness of the measured material is based on the accurate time that the ultrasonic transmits in the material. This Gauge series are equipped with microcomputers that analyze, handle and display the current data. They feature highly optimized measuring circuits and offer high measurement accuracy.



HALL EFFECT THICKNESS GAUGE

MODEL MBT-300

Featuring a large display screen, this instrument is designed to measure the thickness of non-magnetic material up to 25.4mm thick (glass & plastic bottles, aluminum cans etc.)



BOTTLE WALL THICKNESS GAUGE

MODEL NO. BWTF-200

The Contact Angle tester is designed to check surfaces properties for contamination, adhesion and printability of various materials. It measures the dynamic contact angle as wetting, absorption and spreading over time. With an integrated camera which captures 80 images per second, this user-friendly unit runs via USB connection to a PC.



LIGHT TRANSMISSION & HAZE TESTERS

MODEL NO. SGW-810

To test the light transmittance and haze degree of all transparent and semi-transparent parallel plane samples (plastic plate, sheets etc), and turbidity or clarity of liquid samples (water, drinks etc), used in the industries of plastics, membrane, coatings and paints, printing ink etc..



LIGHT TRANSMISSION TESTER

MODEL NO. L0005

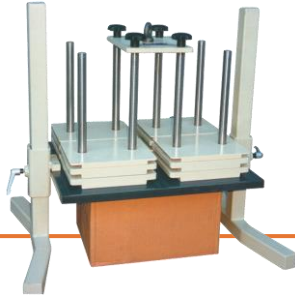
The Light Transmission Tester has been specially designed and manufactured to evaluate the light transmission properties of various shaped plastic containers.



GLOSS & HAZE METERS

MODEL QUICKPEEK

A range of Gloss Meters are available to determine the specular reflection of various materials. Gloss Meters can measure in 20°, 60° or 80°, all in the one single unit, with results displayed instantly, including the difference, pass/fail and statistics on display.



DEAD WEIGHT COMPRESSION TESTER

MODEL D0003

Designed to perform either as a single test to investigate the effect of deformation, creep, collapse or failure as part of a sequence of tests designed to measure the ability of a package, to withstand a distribution system that includes a compression hazard. It may also be used to investigate performance under particular conditions of loading.



DESNOMETER

MODEL NO. PAG-100

The air permeance is the flow of air through unit area under unit pressure difference in unit time, under specified test conditions and is expressed in $\mu\text{m}/\text{Pa}\cdot\text{s}$. This equipment is used to measure the thickness of paper, plastic, tissue and other sheeted material and features a built-in computer and exclusive testing software.



DIGITAL MICROMETERS

MODEL NO. D0011

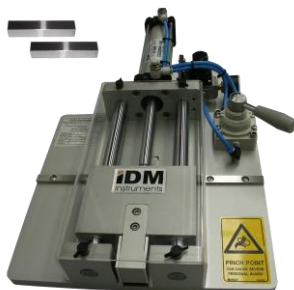
This range of instruments is used to measure the thickness of paper, plastic, tissue and other sheeted material, these units automatically cycle up and down, providing an accurate and repeatable thickness reading at the end of each cycle.



DRYING OVENS

VARIOUS MODELS

Drying Ovens are available to suit a variety of heating and drying applications. Fan forced ovens feature digital temperature control, high capacity heating elements, heavy duty fan motors, adjustable exhaust vent, positive door latch and superior horizontal air flow system.



EDGE COMPRESSION CUTTER & GUIDE BLOCKS

MODEL E0001 & E0002

The Quickpeek Color Proofing Kit is used to quickly produce a proof that replicates how ink will appear on a printed copy from the press. Different rollers can be used for heat set inks or UV inks.



COLOUR COMPARATIVE SYSTEM

MODEL
COLORSTRIKER

The ColorStriker is user-friendly and can be used in various industries to test almost any material or surface type, including textiles, leather, paint, varnishes, wood, tiles, plastics and more. Users can easily create and manage a custom colour archive. With the integrated texture library, the desired colour effect can be checked on screen for a wide variety of applications (ie. Wood chips, textile materials, leather etc).



COLOUR ANALYZER

MODEL NO. RBG-
1002

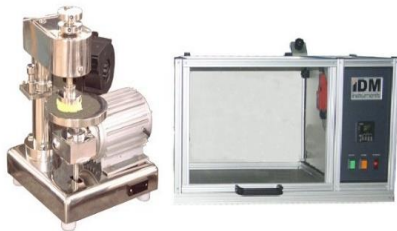
The Constant Deflection Static Force instrument determines the loss of indentation force deflection (IFD), loss of thickness and the structural breakdown by visual assessment of polyurethane.



PAGE PULL TESTERS

MODEL NO. P0011

The Page Pull Tester has been designed and manufactured to measure the strength required to pull pages out of bound books and magazines. The force is displayed on the digital read out, ensuring a quality bound book is provided to customers.



RUB PROOF TESTER

MODEL NO. 10005

The Rub Proof Tester is used to evaluate the ink transfer from printed / coated materials from rubbing. 3 x dead loads are included to place one on top of the upper disc to achieve a known pressure.

The sample holders are manufactured from stainless steel to enable dry or wet rubs and a digital cycle counter stops the test at the pre-set value.



COLOUR PROOFING KIT

MODEL QUICKPEEK

The Quickpeek Color Proofing Kit is used to quickly produce a proof that replicates how ink will appear on a printed copy from the press. Different rollers can be used for heat set inks or UV inks.



ISO BRIGHTNESS

VARIOUS MODELS

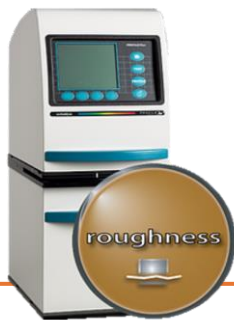
IDM offer a range of economical and easy to use brightness testers which provide instantaneous digital read outs of TAPPI/GE brightness, with the option of measuring with and without the excitation of fluorescent agents.



PROFILE/PLUS™ TAPPI BRIGHTNESS

VARIOUS MODELS

The PROFILE/Plus TAPPI Brightness measures optical properties according to industry standards including colour, opacity, fluorescence, TAPPI Brightness and colour difference.



PROFILE/PLUS™ ROUGHNESS & POROSITY

VARIOUS MODELS

The Technidyne PROFILE/Plus Roughness and Porosity measures surface roughness and air permeance according to industry standard methods. Includes two sided measurements, selectable reporting units, dry diaphragm air compressor, NIST traceable laminar flow elements, barometric pressure and temperature compensation.



TEST/PLUS™ GLOSS

VARIOUS MODELS

This instrument combines industry standardized measurement technology with an innovative control package that allows the user to tailor build their testing and evaluation capabilities. Built on the Android software platform, the interface can be customized with the features important to you. Available in 75- and 20-degree angles.



PROFILE/PLUS™ TENSILE

VARIOUS MODELS

With a precise punch and die assembly to ensure constant sample size, this unit automatically performs sample clamping, measurements of MD and CD tensile strength, elongation, and TEA all on its own.

User defined measurement parameters means that grade specific reporting units can be selected.



LABORATORY HEAT SEALERS

MODEL NO. L0001-
PRO & PRO-S

Laboratory Heat Sealers are designed to be used for development work to help determine the sealing properties and characteristics of plastic and laminated materials. The Heat Sealer is electrically heated and temperature controlled with adjustable sealing pressure, controlled by a timer.



LAMINATOR

VARIOUS MODELS

The Pulmac Laminator is a robust laminator designed to be used with the Pulmac MasterScreen for sample preparation of displays for analysis of Stickies, Dirt, and/ or Shives by scanner. This laminator is designed for industrial use. Temperature, nip pressure, and roller speed have been standardized. The unit comes with a carrier.



MOISTURE BALANCES

MB SERIES

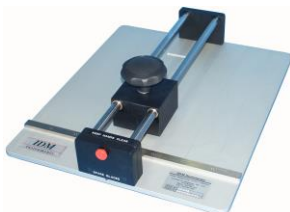
The MB Series Moisture Balance offer superior performance and great value, with basic as well as advanced models available. It features fast halogen element which provides uniform infrared heating and durability.



MOISTURE METERS

VARIOUS MODELS

Universal moisture meters determine the moisture content in paper, cardboards, wood, building materials, isolation and other materials. A range of moisture meters are available to suit applications and budgets.



QUICK CUT

MODEL NO. C0046

An easy to operate apparatus used for cutting corrugated cardboard for sample preparation. The base is supplied with engraved cutting guides for quick and easy cutting of cardboard.



WATER RESISTANCE OF GLUE BOND TESTER

MODEL NO. RC-21

Specifically designed to determine the resistance of corrugated paperboard to withstand wet conditions by immersion in water.



WATER VAPOR PERMEATION ANALYZER GRAVIMETRIC

MODEL NO. W300

With the Gravimetric Method, these units test the water vapour transmission rate (WVTR) of packaging materials, such as plastic film, composite film, co-extrusion film, aluminium-plated film, aluminium foil, infusion bag, sheets, paper, paper board, solar battery panel, cellophane, ceramics and porcelain, and various containers such as bag, pouch, bottle, can, bowl, box, widely used in the industries of food, pharmaceuticals etc.



WATER VAPOR PERMEATION ANALYZER INFRARED

MODEL NO. W402

With the Infrared Detection Sensor Method, this unit tests the water vapor transmission rate of various materials, including: plastic film, composite film, aluminum-plated film, aluminum foil etc.; packaging containers, such as bag, bottle, bowl, can etc.; sheets, such as PP sheet, PVC sheet, rubber, building material, porcelain; other application, such as solar panel, paint film, medical patch etc.



WATER VAPOUR TRANSMISSION TESTER

MODEL NO. PVA/4

Used for the preparation of test pieces for the accurate measurement of the water vapour transmission rate flexible packaging materials, including parchment, wax paper, polyethylene, vinyl, cellophane, foil, laminates, and other materials.



THICKNESS GAUGES - HAND HELD

MODEL NO. T0014

Handheld Thickness Gauges can be used on many different materials where an accurate measurement of thickness is required. Different models are available depending on weight and contact point required.

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

LABORATORY & SCIENTIFIC INSTRUMENTS



SCAN TO VISIT WEBSITE

CLICK TO VISIT WEBSITE



LABORATORY HEAT SEALER

MODEL NO: L0001

This is a compact, easy-to-use Laboratory Heat Sealer, designed to be used for development work to help determine the sealing properties and characteristics of plastic and laminated materials. The Laboratory Heat Sealer is electrically heated and temperature controlled with adjustable sealing pressure, controlled by a timer. Sealing Bars are covered with Teflon for non-stick, and easy clean. Sealing is initiated by a foot switch, powering a pneumatic cylinder to lower the Upper Sealing Bar to seal.



HEATED LABORATORY PRESS

MODELS L0002 & L0003

The Laboratory Press is designed for pressing or helping to form samples between two platens. Two digital temperature controllers enable the platens to be heated or cooled and even set process times for heating and cooling. A digital panel meter is used to display the compression force (kgf) enabling fast and accurate operation.



FORCE GAUGES

MODELS: 31, 41, 51, 71

Mark-10 digital force gauges can be used in a virtually limitless number of tension and compression force testing applications. All force gauges are able to capture the peak force in both tension and compression and have selectable units of measurement. Force gauge capacities are available from 50 gF full scale to 2,000 lbF, the broadest force range in the industry.



TEST STANDS – MANUAL - MARK-10

MODELS ES SERIES

Mark-10 offers the industry's most extensive line of manual force measurement and torque measurement test stands. Test stands are useful in eliminating variability inherent in hand testing and can help to automate test processes. A wide range of capacities, loading methods, and configurations are available.



TEST STANDS – MOTORIZED – MARK-10

MODELS SERIES F & ESM

Mark-10 offers a wide and unique range of motorized force measurement test stands. Motorized stands offer a significant advantage over manual test stands by providing constant test speed. Some models can be programmed for advanced test sequences to accommodate demanding applications.

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

SAMPLE CUTTERS



SCAN TO VISIT WEBSITE

CLICK TO VISIT WEBSITE



CLICKER PRESS

MODEL NO. C0056

These economically priced Clicker Presses are used for a wide variety of die cutting applications. The Clicker Press machines are completely hydraulic and are made of strong casting material to ensure powerful yet quiet running. The Clicker Press casting also insures maximum beam strength and performance.



PNEUMATIC CUTTING PRESS

MODEL NO. C0050

The IDM Cutting Press Pneumatic is fast and easy to operate, great for cutting of various different sized pieces, allowing a large range of dies to be used with the Cutting Press. Cutting dies can be fixed onto the moving top plate, or sit directly onto the sample, allowing the user to change the dies with ease.



ARBOUR CUTTING PRESS

MODEL NO. C0042

The handle operated manual Arbour Press is used in conjunction with cutting dies to produce testing samples. An optional cutting die adaptor can be used when using the Arbour Press with the Tool Steel cutting dies for fast and repetitious sample preparation.



GUILLOTINES

VARIOUS MODELS

IDM supply a range of Guillotines to suit various applications. Bench top and free standing units are available.



PNEUMATIC SAMPLE CUTTER

MODEL NO. C0043

The Pneumatic Sample Cutter is a fast and easy to operate mechanism used for sample preparation. The device is intended for preparation of circular / square / rectangle test pieces with uniform edges. It is pneumatic, for easy operation, and repetitious sample cutting.



CIRCULAR HAND CUTTERS

MODEL NO. C0038

The Circular Hand Cutters are fast and easy to operate, creating accurate circular samples in various different mediums. They are available in several different sizes (including custom sizes) for suitability to many different tests.



HANDHELD STRIP CUTTERS

MODEL NO. C0026

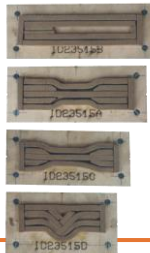
IDM's Hand Held Strip Cutter is used to prepare set width samples of thin sheeted materials for tensile testing (2mm thick with standard blades). The robust steel design means for a long life, while the circular blades can be easily replaced when necessary.



CUTTING DIES – TOOL STEEL

MODEL NO. C0024

The Tool Steel Cutting Dies are used for the cutting of plastics, paper, textiles and rubber samples. They can be used along with IDM cutting presses for sample preparation.



CUTTING DIES – RULER

VARIOUS OPTIONS

The Ruler Type Cutting Dies are used for cutting of plastic film, paper and rubber samples used for tensile and tear testing (dumbbell, trouser, etc). They are manufactured with a ply backed knife-edge, and can be manufactured to suit various international test standards.



CUTTING TEMPLATES - STAINLESS

MODEL NO. C0034

Manufactured from stainless steel with an easy to grip handle to provide a consistent cut out shape for example; Coefficient of friction testers, Colour fastness tester, etc.



ARBOUR CUTTING PRESS

MODEL NO. C0022

The handle operated manual Arbour Press is used in conjunction with cutting dies to produce testing samples. An optional cutting die adaptor can be used when using the Arbour Press with the Tool Steel cutting dies for fast and repetitious sample preparation.



AUTOMATIC CUTTING MACHINES

MODEL NO. ACM-80

The ACM series Automatic Cut-off Machines have a large cutting area and a removable "T"-Slot work base. Along with a function to cut rectangular and large samples, split fast key vices. And they are beneficial to users to clamp various shape work pieces.



HIGH PRECISION 4 COLUMN CUTTER

MODEL NO. HSC

This machine is suitable for the cutting and forming of various non-metallic materials with a format $\leq 1600\text{mm}$ by the forming knife mold. The double-cylinder precision double-crank connecting rod balancing mechanism guarantees the same cutting depth at each cutting position.



JDC SAMPLE STRIP CUTTERS

VARIOUS OPTIONS

The JDC Sample Strip cutters cuts test strips to an exact width and parallel throughout their entire length. The positive cutting action of the dual blades and precision ground base shear cut both sides of the sample at once assuring you of a clean, accurate cut every time.



ELMENDORF TEAR SAMPLE CUTTER

MODEL NO. ETT-1501

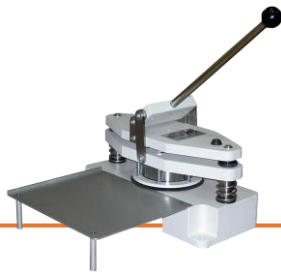
The Elmendorf Precision Sample Cutter quickly prepares uniform samples for Elmendorf tear testing. Dual blade cutting action ensures tight control over sample preparation.



BAND SAWS

MODEL NO. S0017

The Sample Band Saw is recommended for producing test sample pieces from all sorts of materials for testing. The Band Saw produces perfectly cut samples to be used in a variety of testing equipment to measure qualities like foam porosity, compression, tension, tear strength and much more.



GRAMMAGE CUTTER

MODEL NO. C0042

Designed to cut 100cm² circular paper samples to assess Grammage. This is an important factor as most paper is bought and sold in accordance with its mass per unit area. Other values such as bursting strength, thickness and bulk are all determined using Grammage.

QUALITY EXCELLENCE ASSURED

The IDM Preventive Maintenance and Calibration (PM&C) program has been designed to make the maintenance and calibration of your valuable testing equipment more cost effective by preventing breakdowns and downtime by regular calibration, service and replacement of defective parts.

We have successfully executed this program with the help of 38+ representatives spread across the globe. PM&C team members are supplied with the necessary resources to main our testing equipment at peak performance throughout thier lifetime, benefiting both you and your equipment. Testing equipment in your facility (or at IDM) will be calibrated using industry-wide, internationally recognised standards or as per your specific requirements.

Calibrated instruments are labelled accordingly and documented with an IDM full calibration report or certificate of conformance (whichever is applicable). All calibrations are maintained in IDM's calibration database and you will be notified when your next service/calibration is due. IDM's Calibration work is comprehensive- adjusting your equipment to give you the right results, whenever possible.

For over 49 years now, the IDM name and brand has grown across the globe. Our commitment to quality and providing the measurable difference reflects upon our customers' satisfaction. We look forward to continuing to provide our expertise and assisting you with your next requirement. Speak to IDM today, and see how an IDM testing instrument will benefit your quality control process.

INDUSTRIES & APPLICATIONS



Printing



Textiles



Paper



Rubber



Plastic



Packaging



Foam & Mattress



Research & Laboratory

& many more....

TESTING INSTRUMENTS FOR
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TESTING INSTRUMENTS | SENSORS | MANUFACTURING | SERVICE & SUPPORT

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