

# Conventional Laboratory Sheet Former FC-21

*a measurable difference...*

**IDM**<sup>®</sup>  
instruments

The **FC-21** is a manual laboratory sheet former used for the production of standard circular laboratory sheets for physical and optical testing.

The sheet is formed from a pulp suspension on a standard wire screen under suction generated by the flow of the water column.

This equipment became a standard for QC and R & D due to its sturdiness, precision, reliability and repeatability.

As an option to the conventional system, the sheet former can also be supplied as model **FC-21AA** with automatic system for filling, homogenizing and draining controlled by a built in PLC.

## Major Technical Characteristics:

- Produces Circular Sheets      200cm<sup>2</sup> / Ø160mm
- Plexiglass Stock Container      7L
- Stainless Steel standard wire screen gauze for sheet forming
- All parts in contact with water and pulp are made of corrosion resistant materials
- Pneumatic system for homogenization of pulp suspension
- Couching weight & set of five drying plates
- Water Connection      3 bar, 0.25m<sup>3</sup>/h, clean & pure
- Air Connection      6 bar, instrument quality, 0.1m<sup>3</sup>/h
- Drain Connection      Required
- Power Supply for FC-21AA      220VCA, single phase, 50 or 60Hz, 200W
- Dimensions      700mm x 700mm x 1600mm
- Weight      55kg

## Applicable Standards:

- ISO 5269-1
- TAPPI T-205

