

Laboratory Digesters

AU-E Series

a measurable difference

IDM[®]

instruments

Laboratory Digesters are used for chemical, semi-chemical, thermal and bleaching pulping studies in the pulp and paper industries.

Model **AU-E20** is a **20L** cooking vessel

Model **AU-E27** is a **27L** cooking vessel

Lids are purchased separately depending on customer's requirements.
(i.e. 1 chamber or 4 chamber lids are available for each model)
All parts in contact with pulp are made of stainless steel AISI304.

Technical Features:

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|--|--------------|
| • Capacity of cooking vessel | 20L, 27L |
| • Working pressure in the chamber | 12 bar (max) |
| • Safety valve | 18 bar |
| • Digital temperature controller | 0 - 180° |
| • Digital pressure indicator | 0 – 18 bar |
| • Electrical heating system | 6000W |
| • 360° Rotating chamber (ensures perfect mixing) | 4 ±0.5rpm |
| • SEW drive gear motor | |

Technical Features of Lids:

- TP-2027: Standard lid for 20L and 27L models
- T4T-20: Lid with 4 x 1.5L independent cooking vessels for model AU-E20 only
- T4T-27: Lid with 4 x 2L independent cooking vessels for model AU-E27 only

Options:

- Filter for water (Model GS200) 5L/min according to ISO 14487
- Analogic thermometer and pressure gauge for each 1.5L cooking vessel
- Additional 1.5L cooking vessel

Electrical:

- 220VCA, 60Hz, 7kW, 3 Phase (others available upon request)

Dimensions:

- L: 750 mm
- W: 200 mm
- H: 1050 mm
- Weight: 180 kg



Detail of 4 chamber lid with optional thermometers and pressure gauges.