

Laboratory Digester

AU/E-20

The laboratory digester AU-E/20 is used for chemical, semi-chemical, thermal and bleaching pulping studies in the pulp and paper industries.

Model AU/E-20 with standard lid, model TP-2027, is mainly used in small sized production lines. Model AU/E-20 has 4 individual chambers lid, model T4T-20, is mainly used for research and development (R&D).

All parts in contact with pulp are made of stainless steel AISI 304 or AISI 316 (optional). The rugged construction ensures safe and reliable operation for many years.



SPECIFICATIONS

Capacity of cooking vessel: Nominal 20 L

Maximum working pressure in the chamber:
16 bar

Safety valve: 18 bar

Digital temperature controller: Resolution 0.1 C

Digital pressure indicator: Resolution 0.1 bar

Electrical heating system: 6,000 W

360° rotative chamber ensures perfect mixing:
Rotation adjustable from 2 up to 6 rpm

AU/E-20 (standard lid TP-2027): capacity 13.5 L

AU/E-20 (4 individual chambers lid model T4T-20):
Useful capacity 1 L each cooking vessel

Power supply:
220 VCA, 50/60 Hz, 7 kW, single phase

Dimensions (W x L x H):
1200 x 750 x 1050 mm

Weight: 180 kg

- Lids TP-2027 and T4T-20 are interchangeable.
- 4 individual chambers lid has four independent 1.5 L primary cooking vessels, that enable distinct cookings in each vessel.

Optional accessories:

- Supervisory software RegView
- Bleaching device (analogic thermomer and pressure gauge for each 1.5 L cooking vessel or for standard lid)
- Additional 1,5 L primary cooking vessels
- Filter for water model GS200UV 5 L/min according to ISO 14487
- Additional 1.5L cooking vessel

