

Technical datasheet

# Handwheel-Lid Laboratory Steam Sterilizers

29-100 L vertical steam sterilizers with a handwheel lid, digital control and listed maximum working temperature of 135 °C.



Representative exterior view. Cabinet proportions, chamber dimensions and supplied basket arrangement vary by model.

## Key features

- Handwheel lid and pressure safety interlock
- Low-water, overtemperature and overpressure protection
- Digital temperature and timer controls

## Standard Configuration

SUS304 construction, handwheel lid, microcomputer control, self-expanding seal, automatic cold-air discharge, low-water control, overtemperature protection, pressure relief, pressure safety interlock and end-of-cycle audible alarm.

## Optional Accessories

Confirm additional containers and accessories in the quotation. Printer, software and validation services are not listed as standard.

## Technical Information

| Parameter                   | Value     |
|-----------------------------|-----------|
| Maximum working temperature | 135 °C    |
| Temperature resolution      | 1 °C      |
| Maximum working pressure    | 0.22 MPa  |
| Design pressure             | 0.25 MPa  |
| Electrical supply           | 220 V     |
| Timer range                 | 4-120 min |

| Model      | Chamber volume (L) | Input power (W) |
|------------|--------------------|-----------------|
| PT-AUT-002 | 50                 | 3200            |
| PT-AUT-003 | 75                 | 3500            |
| PT-AUT-004 | 100                | 3500            |
| PT-AUT-005 | 29                 | 2300            |

## Technical Information

| Model      | Basket: diameter × height × quantity (mm) |
|------------|-------------------------------------------|
| PT-AUT-002 | Ø360 × 230 × 2                            |
| PT-AUT-003 | Ø360 × 270 × 2                            |
| PT-AUT-004 | Ø360 × 230 × 3                            |
| PT-AUT-005 | Ø280 × 340 × 1                            |

| Model      | Chamber dimensions (mm) | External dimensions (mm) |
|------------|-------------------------|--------------------------|
| PT-AUT-002 | Ø400 × 630              | 485 × 485 × 1125         |
| PT-AUT-003 | Ø400 × 720              | 485 × 485 × 1195         |
| PT-AUT-004 | Ø400 × 830              | 485 × 485 × 1290         |
| PT-AUT-005 | Ø300 × 485              | 445 × 445 × 900          |

## Selection / Ordering Information

Specify the model, load or sample type, operating temperature and required basket configuration. Confirm electrical supply, accessories and final delivery before ordering.