



Accurate Scale PCE-LS 3000 (Legal For Trade / Class II) Weighing ranges of 0 ... 3000 g / resolutions 0.01 g / LCD graphic display / internal, external calibration / RS-232-interface and optional software

The verifiable Precision Scale comes in two models (LS-500 and LS-3000). The back-lit, high-contrast graphic display of this Precision Scale leads the user safely through the process; lengthy instructions and operator errors are a thing of the past. All LS models can be calibrated / adjusted automatically at the touch of a key, at a pre-set time, or triggered by temperature changes. Without the need to handle expensive external weights, these functions support integration in quality management systems. The large weighing platform of the scale is a real added plus for weighing larger objects. The integrated RS-232-interface enables you (by using the optional software-kit) to automatically send the weighing data into a sequence table. LS Series of Precision Scale have been designed to meet the applications of laboratories, schools, universities, industry and commercial users, without the high cost implications usually found with this type of scale.

- Internal calibration (with internal weight)
- External calibration (if the scale is not verified)
- Parts counting function
- Full tare range
- Date and time / User Identification
- Graphic LCD with backlit / Capacity tracker
- Multilingual display (English, German, French, ...)
- RS-232 bi-directional interface
- Verifiable ("Legal for trade") Class II
- SO Calibration certificate (Option)
- Software-Kit (Option)
- Density Determination Kit, Printer (Option)

Technical Specifications

Maximum capacity [max]	3000 g
Readability [d]	0,01 g
Verification value [e]	0,1 g
Repeatability	0,015 g
Linearity	± 0,03 g
Stabilisation time	< 5 s
Minimum parts weight at pcs counting	0,06 g / pcs
Tare range	Full
Vibration dampening	Function which allows vibration dampening settings
Interface	RS-232 bi-directional interface
Software-Kit	As an option
Display	Graphic display with backlit (multilingual) and capacity tracker
Calibration	- Automatic calibration with internal calibration weight (each 2 h or at temperature change) - External calibration with optional weights (only if the scale is not verified)
Pan size	165 x 165 mm
Operating Temperature	+18 ... +33 °C
Power supply	230V / 50 Hz (via 12 V Net adaptor)
Housing	die cast aluminium
Protection	IP 54
Overall dimensions	210 x 320 x 90 mm
Net weight	5 kg
Approvals	Legal for Trade Class II scale / CE

Delivery content

- 1 x Precision Scale
- 1 x Net adaptor,
- 1 x User manual