Calibrated Precision Balance PCE-ABI 220

Precision Balance PCE-ABI 220 incl. Calibration

Precision balance from the class I analysis area / Weighing range: max. 220 g / Resolution: 0.1 mg (0.0001 g) / Calibrated / calibration value: 1 mg (0.001 g) / Graphical display / Multilingual menu navigation / USB and RS-232 interface.

The precision balance PCE-ABI 220 is a calibratable scale that is already calibrated upon delivery. In calibrated form, this precision balance is used in areas that require verification, e.g. in the pharmacy.

Universities, colleges and many other laboratories appreciate the advantages of the internal automatic adjustment and use the PCE-ABI 220 precision balance in calibrated form. In the case of a calibrated precision balance, proof of accuracy is provided by a calibration certificate. In contrast to a verification certificate, a calibration certificate shows the actual setpoint / actual value comparison and is therefore more meaningful than a verification certificate.

The precision balance has a die-cast aluminum housing and a glass draft shield that can be opened through three sliding doors. The weighing area is designed with a stainless steel plate which can be easily removed for cleaning. The weighing plate of the precision balance has a support surface of Ø90 mm.

The precision balance uses a graphic display which enables the menu and function guidance in various national languages.

Useful functions of the precision balance are e.g. percentage weighing, tare memory, input of user ID and product ID, MIN-MAX-OK weighing, summing function, statistics function, area weight function, recipe function, animal weighing function, piece counting, etc. These precision scales ensure quick and easy operation, even of more complicated functions.

The standard of the precision balance includes a USB, RS232 and PS2 interface. This allows the measurement data to be transferred to the PC or printer. Special features are the internally installed time-date module for creating GLP printouts, as well as the EPL printer language for bidirectional communication with e.g. ZEBRA label printers. With an optional additional device, the weighing data can be saved directly on a USB stick as a TXT file with a time/date stamp.

▶ **Calibrated according to class M I (analytical balance)**
▶ Robust die-cast aluminum housing
▶ Spirit level for aligning the balance
▶ USB and RS-232 interface as standard
▶ Graphic display with plain text
▶ Selectable menu language DE / ESP / ENG / PL
▶ Adjustable filters
▶ Percent weighing

Subject to change

- ▶ Tare memory
- ▶ Facility to enter the user ID **(also possible via scanner)**
- ▶ Facility to enter the product ID **(also possible via scanner)**
- ▶ MIN-MAX-OK weighing
- ▶ Summing function
- ▶ Statistics function
- ▶ PEAK Hold function
- ▶ Basis weight function
- ▶ Recipe function
- ▶ Animal weighing function
- ▶ Piece counting
- ▶ Time-date module
- ▶ GLP printout

Specifications

Weighing range (max):	**220 g**
Readability (d):	0.1 mg (0.0001 g)
Accuracy:	± 0.0004 g
Calibration value (e):	± 1 mg (0.001 g)
Calibration class:	M I (analytical balance)
Minimum load (min) in calibration law:	0.002 g
Measuring principle:	Force compensation cell
Display:	Graphic display with plain text in GB / DE / ES / PL / FR
Weighing surface:	Ø 90 mm
Interface:	USB B and RS232 Sub D9 socket
Operating temperature:	+18 ... +35 °C
Power supply:	230V 50Hz 6VA / = 12V 1.2A / Outside & Inside
Recommended calibration weight:	E2 100 g (not included)
Dimension of scales:	235 x 345 x 350 mm
Dimension of weighing space:	175 x 140 x 230 mm
Weight:	ca. 6.5 kg

More information

More product info

Similar products