SCALE

PCE-TB 15



- **Piece counting function**
- **8 different weighing units**
- **Percent % comparative weighing**
- **Filter (reaction time) adjustable**
- **Animal weighing function**
- **Max. weighing**
- **Tolerance determination weight min / ok / max**
- **Summing of multiple weighings**
- **Statistical evaluation**
- **Recipe mixed weighing**
- **Adjustable RS-232 and USB interfaces**

This laboratory balance is characterized by its extremely versatile application. Not only is the extensive range of functions interesting, but even more so, its communication capabilities are also appreciated. The laboratory balance features a bidirectional RS-232 and USB interface. Thus, the system balance offers every programmer a very good basis (a description of the benchtop scale's interface can be found in the manual). The balance transmits the information at the touch of a button on the balance, automatically after the weight value stabilizes, in combination with the print button and a stable weight display, continuously (approx. 10 values per second), or upon request from the computer.

Another way of integrating the scale into a system is through the optionally available interfaces, such as LAN, 4-20 mA or 0-10 V analog output, and the weight limit function with three potential-free contacts. Other interesting functions on the scale include piece counting, percentage calculation, recipe weighing, animal weighing, statistics function, summing function, limit function, various weighing units, and much more.

The scale can be operated with either the power pack or the battery and is also ideal for mobile use.

Specification

Weighing range	
Measuring range from	0 kg
Measuring range max.	15 kg
Resolution	0,5 g
Accuracy	±2 g

General technical data	
Measuring functions	MIN, MAX
Measuring functions (additional information)	Piece counting function, percentage % comparative weighing, animal weighing function, totalizing several weighings, statistical evaluation, recipe mix weighing
Units	kg, g, lb, oz, ct, ozt, gr, dwt, mg
Display Typ	LCD with illumination
Digit size [WxH]	H 30 mm
Interface	USB, bi-directional RS232
Automatic power-off	5 min.
Repeatability	1 g
Tare range	over the full weighing range
Weighing plate dimensions	B 300 x T 210 mm
Calibration	extern
Settling time	< 3 s
Linearity	1.5 g
Menu language	English (US), English (GB)
Protection class (device)	IP54
Power supply	230V AC | 50 Hz 6 VA 12V DC 1.2 A
Connector type	Device Europlug
Battery/battery	1 x 3 V intern , Lithium-ion battery
Battery capacity	220 mAh
Operating conditions	-10 ... 40 °C , 15 ... 85 %RH
Storage conditions	-10 ... 40 °C , 15 ... 85 %RH
Dimensions (L x W x H)	350 x 328 x 115 mm
Weight	3500 g