SCALE

PCE-TB 30



- **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 series laboratory balance is characterized by its extremely versatile application. Not only is the extensive range of functions interesting, but the communication capabilities of the laboratory balance are also highly valued.

The laboratory scale features a bidirectional RS-232 and USB interface. This system scale provides a solid foundation for any programmer (a description of the bench scale's interfaces can be found in the manual). The scale transmits information at the touch of a button on the scale, automatically after the weight value has stabilized, in combination with the print button and a stable weight display, continuously (approx. 10 values ⍰⍰per second), or upon request from the computer. Another option for integrating the scale into a system is 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. Interesting functions of the scale include piece counting, percentage calculation, recipe weighing, animal weighing, statistics, totalizing, limit function, various weighing units, and much more.

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

Specification

Weighing range	
Measuring range from	0 kg
Measuring range max.	30 kg
Resolution	1 g
Accuracy	±4 g

General technical data	
Measuring functions	MIN, MAX
Measuring functions (additional information)	Piece counting function, percentage (%) comparison weighing, MIN/OK/MAX selection, animal weighing function, summing of multiple weighings, statistical analysis, recipe mixing weighing
Units	kg, g, lb, oz, ct, ozt, gr, dwt, mg
Display Typ	LCD with illumination
Digit size [WxH]	approx. 30 mm
Interface	USB, bi-directional RS232
Automatic power-off	5 min.
Repeatability	2 g
Tare range	over the full weighing range
Weighing plate dimensions	B 300 x T 210 mm
Calibration	extern
Settling time	< 3 s
Linearity	3 g
Menu language	English (US), English (GB)
Protection class (device)	IP54
Power supply	230V AC | 50 Hz, 6V A 12V DC, 1.2 A
Connector type	Device Europlug
Battery/battery	1 x 3 V CR 2032 (button cell 3V) , 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