SCALE

PCE-TB 3-ICA



- **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 attractive, but the communication capabilities are also highly valued. The laboratory balance features a bidirectional RS-232 and USB interface. Thus, the system balance provides a very good basis for any programmer (the interface description for the benchtop scale can be found in the manual).

The scale transmits the 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.

Specification

Weighing range	
Measuring range from	0 kg
Measuring range max.	3 kg
Resolution	0,1 kg
Accuracy	±0.3 g

General technical data	
Measuring functions	MIN, MAX
Measuring functions (additional information)	Piece counting function, MIN/OK/MAX selection, density measurement, percentage % comparison weighing, 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	0.2 g
Tare range	over the full weighing range
Weighing plate dimensions	B 300 x T 210 mm
Calibration	extern
Settling time	< 3 s
Linearity	0.3 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