

Precision balance

model PBL

Precision balance with simple operation, usable at any place where a balance is needed that performs very rapid and reliable weighing even under adverse conditions. High capacity with high precision.

Properties

- clearly readable LCD-display
- very sturdy version, housing partially aluminium (bottom) and partial ABS plastic; stainless steel platform 345 x 250 mm
- equipped with 4 adjustable feet and butterfly
- equipped with Ultrablok weigh sensor, providing a rapid response, great stability and reliability!
- external calibration (excl. testweight)
- water protected keypad with user-friendly operation
- taring, zeroing, piece counting, checkweighing, animal weighing program (for accurate weighing of moving animals), autoprint (automatic printing the weight), percentage weighing
- also applicable as densimeter using an optional densitykit
- display mode with analog bar graph (reading of total weight, included tare)
- Windows-Direct-function: communication with PC through optional cable, weigh data can be sent to Excel or another Windows application (Windows 8 / 10)
- equipped with RS-232 interface;
- included real-time clock (date/time)
- calibration reports can be simply printed by optional printer (GLP, GMP, ISO)
- power: 230V adapter (included)



type	PBL22	PBL32	PBL52
capacity	22 kg	32 kg	52 kg
division	0.1 g	0.1 g	1 g
repeatability	≤ 0,1 g	≤ 0,12 g	≤ 0,6 g
linearity	± 0.2 g	± 0.2 g	± 1 g
stabilisation time	2.0-2.5 sec.	2.0-2.5 sec.	2.0 sec.
operating temp.	5-40°C		
platform dim.	345 x 250 mm (w x d)		
overall dim.	360 x 355 x 125 mm		
weight	10.5 kg	10.5 kg	16.5 kg

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Options a.o.

- dot-matrix ticket printer (2 models available);
- cable from RS-232 to PC/printer
- external keyboard
- below weigh hook (for weighing from bottom side of the balance)
- dustcover for keypad
- animal weighing container



Ultrablok weigh sensor

Model PBL32 is equipped with Ultrablok, a durable and light but sturdy one piece aluminum alloy mass weighing sensor.

The compact, uniform structure replaces 70 parts found in a conventional electromagnetic balance sensor assembly and ensures stable temperature characteristics, excellent response time and stable corner-load performance.

The Ultrablok design permits a consistency of production that assures reliability and a long operational life.

3 voordelen van Ultrablok:



- betrouwbaarheid
- stabiliteit
- reactiesnelheid

