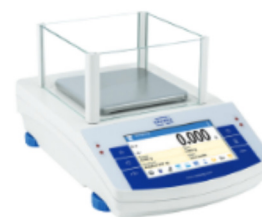


PS X2 Precision Balances

Advanced weighing under laboratory and less challenging industrial conditions



PS X2, d = 1 mg



















Glass draft shield for
PS 3000.X2 balance



PS X2, d = 10 mg

Functions

 Parts counting	 Percent weighing	 Density determination	 Peak hold	 Ambient conditions measurement
 Dosing	 Statistics	 Under hook weighing	 GLP procedures	 Replaceable unit
 Checkweighing	 Animal weighing	 Autotest	 Proximity sensors	 Multilingual menu
 Formulations				

Features

Reliable Results and High Measurement Precision

Excellent measurement parameters and performance enable applying PS X2 balances in laboratories and various branches of industry.

Weighing Heavy Loads with the Maximum Accuracy

Due to an exceptionally wide range of capacities it is possible to work with samples of different weight, from few grams to even over one hundred kilograms.

Ease of Use and Maximum Comfort of Operation

Thanks to a clear and intuitive menu layout and 5" colour touch screen, maximum comfort and incredibly easy operation are both ensured.

Customization via Widgets

PS X2 software enables designing screen widgets layout. Display customization allows you to run any selected function directly from the home screen.

Automatic Adjustment

Internal adjustment system guarantees the highest accuracy and reliable measurements results.

Touch-Free Operation

Two programmable proximity sensors can be assigned with any function or application. The given function when assigned is both run and operated touch-free.

Numerous Options of Data Management

The instrument enables saving all data of carried out measurements as reports and graphs.

Technical Specifications

	PS 200/2000.X2	PS 210.X2	PS 360.X2
Maximum capacity [Max]	200 g / 2000 g	210 g	360 g
Minimum load	0.02 g	0.02 g	0.02 g
Readability [d]	0.001 g / 0.01 g	0.001 g	0.001 g
Verification scale interval [e]	0.01 g / 0.1 g	0.01 g	0.01 g
Tare range	– 2000 g	– 210 g	– 360 g
Repeatability (5% Max)*	0.0005 / 0.005 g	0.0005 g	0.0005 g
Repeatability (Max)	0.001 / 0.01 g	0.001 g	0.001 g
Linearity	±0.002 g / ±0.02 g	±0.002 g	±0.002 g
Sensitivity temperature drift**	$2 \times 10^{-6} / ^\circ\text{C} \times R_t$	$2 \times 10^{-6} / ^\circ\text{C} \times R_t$	$2 \times 10^{-6} / ^\circ\text{C} \times R_t$
Minimum weight (U=1%, k=2)	0.1 g	0.1 g	0.1 g
Minimum weight (USP)	1 g	1 g	1 g
Stabilization time	2 s / 1.5 s	2 s	2 s
Adjustment	internal	internal	internal
Verification	Yes	Yes	Yes
OIML Class	II	II	II
Display	5" capacitive colour touch screen	5" capacitive colour touch screen	5" capacitive colour touch screen
Keypad	6 keys	6 keys	6 keys
Protection class	IP 43	IP 43	IP 43
Databases	7	7	7
Touch-free operation	2 programmable proximity sensors	2 programmable proximity sensors	2 programmable proximity sensors
USB-A	1	1	1
USB-B	1	1	1
RS 232	2	2	2
Wireless connection	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
IN/OUT	10 / 100 Mbit	10 / 100 Mbit	10 / 100 Mbit
Power supply	12 ÷ 16 V DC	12 ÷ 16 V DC	12 ÷ 16 V DC
Power consumption	4 W	4 W	4 W
Operating temperature	+10 ÷ +40 °C	+10 ÷ +40 °C	+10 ÷ +40 °C
Atmospheric humidity***	40 ÷ 80%	40 ÷ 80%	40 ÷ 80%
Transport and storage temperature	–20 ÷ +50 °C	–20 ÷ +50 °C	–20 ÷ +50 °C
Weighing pan dimensions	128 × 128 mm	128 × 128 mm	128 × 128 mm
Weighing device dimensions	333 × 206 × 100 mm	333 × 206 × 100 mm	333 × 206 × 100 mm
Net weight	3.9 kg	3.7 kg	3.7 kg
Gross weight	5.5 kg	5.3 kg	5.3 kg
Packaging dimensions	470 × 380 × 340 mm	470 × 380 × 336 mm	470 × 380 × 340 mm

R_t net weight

* repeatability is expressed as a standard deviation from 10 weighing cycles

** parameter determined in the following temperature range: +15 ÷ +35 °C

*** non-condensing conditions

In accordance with type approval, the balance parameters are maintained in temperature range: +15 ÷ +35 °C.