4 more Labor®

PRECISION BALANCES

PW.S2 PRECISION BALANCES

The PW.S2 series represents a new advanced level for precision balances. The S2 series balances feature the latest generation capacitive display providing the maximum comfort of use, available right at your fingertips. Ease of operation, clear menu and practical arrangement of the display guarantee the best ergonomics for your everyday tasks. A wide array of available interfaces facilitate selection of the most optimal means for communication. The S2 series balances offer unlimited possibilities for cooperation with external devices, providing printing, copying, archiving and data transfer. Built-in IR sensors allow numerous operations (e.g. tarring, transmitting the result to a printer or selecting successive steps of a particular process, etc.) to be performed hands-free, by simply moving a hand across the sensor. The housing is made of plastic, and the pan is made of stainless steel. The balances feature under-pan weighing option - the weighed load is suspended under the balance.

High capacity balances featuring new solution for fixing of the weighing pan The new PW.S2 high capacity balances (6100, 8100 and 10100) feature centrally fixed weighing pan and additional sealing ring. This solution improves air-tightness and simplifies cleaning. To advance accuracy, the new balances have been equipped with metal anti-draft shield. Additional assets are both expanded capacity (even up to 10.1 kg) and smaller dispersion of weighings – better repeatability.

Personalization taken to the next level The S2 is the only balance available on the market that provides a user with the option to design display using wide selection of widgets. Customised display of S2 series offers direct access to the results of your work and other important information directly from the home screen.

Weighing Data Management USB interface facilitates quick transfer and copying of any results of your work (measurements, reports, databases) to other balances. Managing the databases of balances may be also carried out over network thanks to E2R system also offering the possibility of remote control. Network management of the weighing data increases effectivity, productivity and safety of the important data to the maximum.

ALIBI Memory The S2 series balances feature ALIBI memory that is a warranty for safety and automatic recording of your measurements. Options such as data preview, copying and archiving are available to users, as well. The used ALIBI memory allows to record up to 512 000 weighment records.
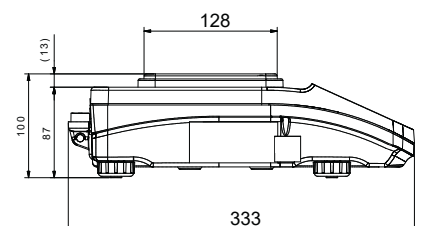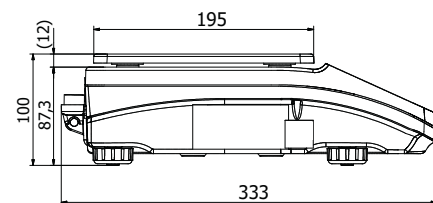
CE M16 calibration available.

DATABASES IN S2 SERIES BALANCES

In new PS.X2 series balances the information system is based on 7 databases, which allows for several users to work with several products databases, and the registered weighing results can be subject to further analysis.
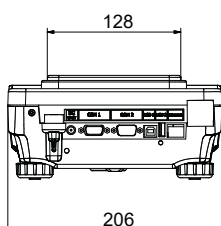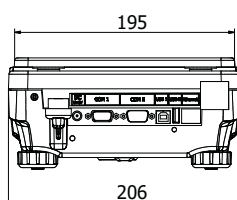
The data is registered in 7 databases:

- Users (up to 100 users)

- Products (up to 5.000 products)

- Weighments (up to 50.000 weighments)

- Packaging (up to 100 packaging types)

- Formulas (up to 100 formulas)

- Clients (up to 1000 clients)

- ALIBI memory (up to 512.000 weighments)

The X2 series features option of making reports on formulas (up to 500 reports).

PW	200/2000.S2	210.S2	360.S2	600.S2	750.S2	1000.S2
Max capacity	200 / 2000 g	210 g	360 g	600 g	750 g	1000 g
Minimum load	20 mg					
Readability	1 / 10 mg	1 mg				
Tare range	-2000 g	-210 g	-360g	-600 g	-750 g	-1000 g
Repeatability *	0,1 mg	1 mg			1,5 mg	
Linearity	±2 / ±20 mg	±2 mg			±3 mg	
Pan size	128×128 mm					
Working temperature	+10° ÷ +40°C					
Stabilization time	2 s / 1,5 s	2 s				
Sensitivity drift	2 ppm/°C bei +10 ÷ +40 °C					
Interface	2 × RS-232, USB-A, USB-B, Ethernet, Wireless Module - optional					
Power supply	12 ÷ 16 V DC / 250 mA					
Adjustment/calibration	automatisch, intern					
Display	5 ” Farbtouchscreen (kapazitiv)					
Net/Gross weight	4,5 / 6,5 kg	4,2 / 6,2 kg		4,3 / 6,3 kg		4,5 / 6,5 kg
Order number	10065755	10065756	10065757	10065758	10065759	10065760

PW	1200.S2	2100.S2	3500.S2	4500.S2	6000.S2	6001.S2
Max capacity	1200 g	2100 g	3500 g	4500 g	6000 g	6000 g
Minimum load	500 mg					
Readability	10 mg					100 mg
Tare range	-1200 g	-2100 g	-3500g	-4500 g	-6000 g	-6000 g
Repeatability *	10 mg				15 mg	100 mg
Linearity	±20 mg				±30 mg	±100 mg
Pan size	195×195 mm					
Working temperature	+10° ÷ +40°C					
Stabilization time	1,5 s					
Sensitivity drift	2 ppm/°C bei +10 ÷ +40 °C					
Interface	2 × RS-232, USB-A, USB-B, Ethernet, Wireless Module - optional					
Power supply	12 ÷ 16 V DC / 250 mA					
Adjustment/calibration	automatisch, intern					
Display	5 ” Farbtouchscreen (kapazitiv)					
Net/Gross weight	4,3 / 5,8 kg			4,8 / 6,3 kg		
Order number	10065761	10065762	10065763	10065764	10065765	10065766

PW	1/10.S2	10.S2
Max capacity	1 kg / 10 kg	10 kg
Minimum load	-	-
Readability	0,01 g / 0,1 g	0,1 g
Tare range	-10 kg	-10 kg
Repeatability *	0,015 g / 0,08 g	0,08 g
Linearity	±0,03 g / ±0,3 g	±0,3 g
Pan size	195×195 mm	
Working temperature	+10° ÷ +40°C	
Stabilization time	3 s	
Sensitivity drift	2 ppm/°C bei +10 ÷ +40 °C	
Interface	2 × RS-232, USB-A, USB-B, Ethernet, Wireless Module - optional	
Power supply	12 ÷ 16 V DC / 250 mA	
Adjustment/calibration	automatisch, intern	
Display	5 ” Farbtouchscreen (kapazitiv)	
Net/Gross weight	4,3 / 5,8 kg	4,8 / 6,3 kg
Order number	10065767	10065768

* Repeatability is expressed as a standard deviation from 10 weighing cycles.

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