



SMART
WEIGHING
TECHNOLOGIES

Maximum capacity up to 10 kg with readability of 0.01 g
Second to none repeatability $sd < 1d$
One million reading units



PS

High capacity precision balances

THREE LEVELS OF ADVANCEMENT

PS | Extended capacity Smaller dispersion of weighings



ANTI-DRAFT SHIELD

Customised anti-draft shield providing repeatability and elimination of errors being an effect of air drafts.



CUSTOMIZED WEIGHING PAN FIXING

Customized weighing pan, easy for mantling and dismantling, makes the balance an air-tight device.

Technical Specifications for the Most Demanding Users

The new high capacity PS series enables weighing loads of 10 kg with readability of 0.01 g. The series is characteristic for high resolution, i.e. one million of reading units. This enables even more accurate measurement, not available for precision balances so far.

The Latest Generation EMFC Mechanism

Use of the latest generation EMFC mechanism ensures second to none repeatability ($sd < 1d$) and quick measurement stabilisation (stabilisation time < 1.5 seconds).

Modern Weighing Pan

The new PS series features weighing pan with a single-point support system. This solution reduces eccentricity errors to the very minimum. Flexibility at any working environment is guaranteed.

Innovative Mounting of the Weighing Pan

Use of a special and innovative mounting allows quick assembly and disassembly of the weighing pan. With this solution the balance remains an air-tight device and ease of maintenance is provided.

A Brand New Anti-Draft Shield

The anti-draft shield designed for PS balances of high capacity eliminates influence of air drafts onto balance operation and measurements repeatability. Now the laboratory processes can be even more efficient, the operation even more comfortable.

Modern Housing

Housing design facilitates resistance of the weighing pan area to water. The balance features pins allowing fixing of the weighing pan and an anti-draft shield. The pins make installation even more intuitive and simple.



PS 3Y



PS X2



PS R2

Maximum capacity [Max]	6100 g - 10100 g	6100 g - 10100 g	6100 g - 10100 g
Readability [d]	10 mg	10 mg	10 mg
Weighing pan dimensions	195×195 mm	195×195 mm	195×195 mm
Display	5,7" colour touchscreen	5" colour touchscreen	LCD (backlit)
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
Communication interfaces	2×RS 232, 2×USB-A, Ethernet, 4×IN/OUT, Wireless Module	2×RS 232, USB-A, USB-B, Ethernet, Wireless Module	2×RS 232, USB-A, USB-B, Wireless Module (optionv)