RADWAG BALANCES AND SCALES
ADVANCED WEIGHING TECHNOLOGIES

Maximum capacity of 10 kg with readability of d=0.01g
Innovative, single-point weighing pan fastening
RADWAG MonoBLOCK technology

RADWAG MONOBLOCK®

www.radwag.com

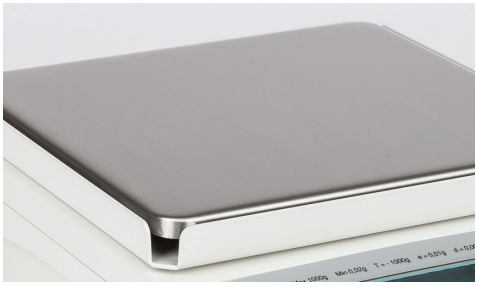
PS M

High Capacity Precision Balances

GUARANTEED STABILITY AND REPEATABILITY

PS M

Internal adjustment within the whole measuring range
Minimized eccentricity error



Draft shield guarantees repeatability and eliminates influence of air drafts on measurement result.

Single-point weighing pan fastening ensures excellent balance geometry and minimizes eccentricity errors.

RADWAG MonoBLOCK technology guarantees unrivalled repeatability and stability of measurement over time.

Technical Specifications for the Most Demanding Users

New series of PS M balances enables weighing loads of 10kg with readability of d= 0.01 g. PS M balance ensures resolution of million reading units. With this, measurements are carried out with accuracy that was not feasible before for precision balances. The stability of the weighing system and great resistance to shocks when weighing large loads is provided by an additional stiffening of the balance base.

RADWAG MonoBLOCK Technology

RADWAG MonoBLOCK enables precision balance to obtain unrivalled repeatability and stability of measurement over time.

Innovative Weighing Pan Fastening

A new, single-point weighing pan fastening minimizes eccentricity errors and ensures excellent geometry of the balance. The labyrinth-shape solution guarantees excellent resistance to contamination. Specially-designed pins for positioning of the weighing pan and draft shield fastening facilitate its assembly and disassembly.

Draft Shield

A specially-designed draft shield eliminates the influence of air drafts on the balance and ensures repeatability of measurement.

Internal Adjustment

Leverage of internal weight mass enables adjustment within the whole measuring range. With use of leverage, mass standard weight is minimized and, as a consequence, mass of the balance is significantly reduced. The system guarantees precision and excellent repeatability of measurement.

	PS 3Y.M	PS X2.M	PS R2.M
Maximum capacity [Max]	4500 g – 10100 g	4500 g – 10100 g	4500 g – 10100 g
Readability [d]	0.01 g	0.01 g	0.01 g
Repeatability*	0.008 g – 0.012 g	0.008 g – 0.012 g	0.008 g – 0.012 g
Linearity	±0.03 g	±0.03 g	±0.03 g
Minimum sample weight	1 g	1 g	1 g
Minimum sample weight USP	10 g	10 g	10 g
Stabilization time	1.5 s	1.5 s	1.5 s
Adjustment	Internal	Internal	Internal
Display	5.7" resistive colour touch screen	5" capacitive colour touch screen	LCD (backlit)
Ingress protection	IP 43	IP 43	IP 43
Communication interfaces	2×USB-A, 2×RS 232, Ethernet, Wireless Connection, 4×IN, 4×OUT	USB-A, USB-B, 2×RS 232, Ethernet, Wireless Connection	USB-A, USB-B, 2×RS 232, Wireless Connection (option)
Weighing pan dimensions	195 × 195 mm	195 × 195 mm	195 × 195 mm

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