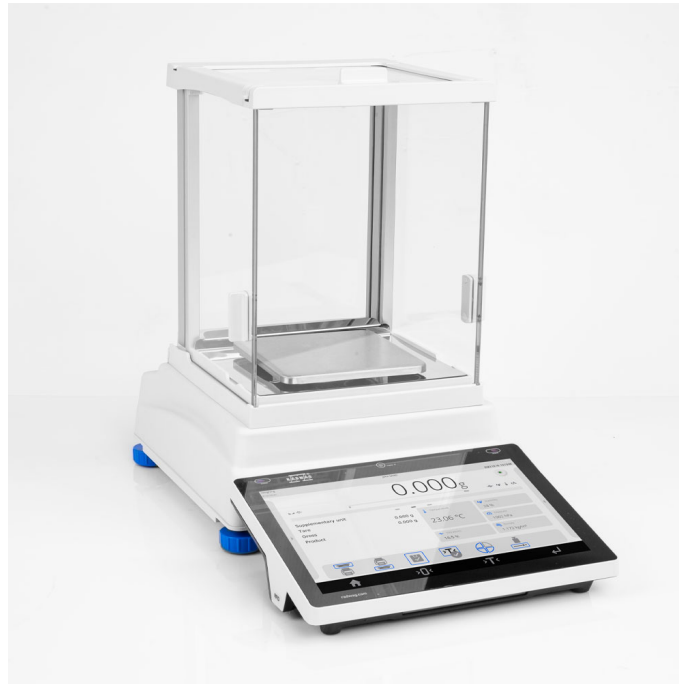

























More information on the website
radwag.com/en/info,w1,K9J

PS 600.5Y Precision Balance



The drawings, photos and graphics used are for illustrative purposes only.

Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Pipettes Calibration
-  Air density correction
-  Density determination
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  Wi-Fi

Datasheet

Metrological parameters

Maximum capacity [Max]	600 g
Minimum load	-

Metrological parameters	
Readability [d]	1 mg
Verification unit [e]	-
Tare range	-600 g
Standard repeatability [5% Max]	0.5 mg
Standard repeatability [Max]	1.5 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	0.1 g
Linearity	±3 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	-
Sensitivity temperature drift	$2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$
Relative humidity	40% ÷ 80%
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	600×400×550 mm
Net weight	3.99 kg
Gross weight	5.5 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	7
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S

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

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

¹ Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Accessories

Balance Storage Case	RS 232, RS 485 cables
Antivibration Tables	USB Hubs
Power Adapters	THBR 2.0 System - Ambient Conditions Monitoring
Cigarette lighter receptacle power supply cables	Receipt Printer
Additional modules	Fingerprint Reader
USB cable (scale - printer)	RS 232, RS 485 cables
Professional Weighing Tables	Protective cover for balances
Density determination KIT	Under-pan weighing
Protective cover for balances	RS 232 cables (scale - printer)
Barcode scanners	RS 232 – RS 485 Converter
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan	

Software

- | | |
|---------------------------------------|---|
| • E2R Weighing [WX-010-0099] | • E2R Weighing Records [WX-010-0038] |
| • RAD Key [WX-010-0005] | • Label Editor R02 [WX-010-0094] |
| • RADWAG Remote Desktop [WX-010-0107] | • R-Lab [WX-010-0080] |
| • Scale Editor 2.1 [WX-010-0173] | • RADWAG Development Studio [WX-010-0104] |

Device dimensions

