



PS 3000.5Y Precision Balance

WL-220-0410

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



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
-  Under-pan weighing
-  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] | 3000 g |
| Minimum load | - |

| Metrological parameters | |
|--|---|
| Readability [d] | 1 mg |
| Verification unit [e] | - |
| Tare range | -3000 g |
| Minimum weight (USP) | 1.2 g |
| Minimum weight (U=1%, k=2) | 0.12 g |
| Standard repeatability [Max] | 1.5 mg |
| Standard repeatability [5% Max] | 0.6 mg |
| Linearity | ±6 mg |
| Stabilization time | 3 s |
| Adjustment | internal (automatic) |
| OIML Class | - |
| Sensitivity temperature drift | $2 \times 10^{-6} / ^\circ\text{C} \times \text{Rt}$ |
| Physical parameters | |
| Leveling system | semi-automatic – LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Delivery components | Balance, weighing pan, grounding bumper ×1, bumper ×3, fabric dust cover, power supply |
| Weighing pan dimensions | 128×128 mm |
| Packaging dimensions W x D x H | 600×400×550 mm |
| Net weight | 3.9 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 | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W* |
| Environmental conditions | |
| Operating temperature | +10 – +40 °C |
| Ambient conditions monitoring (option) | THBR 2.0 System, THBR BOX, THB P, THB W, THB S |
| Relative humidity | 40% – 80% |

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 USB interface exclusively.

* Power consumption depends on the terminal configuration and the number and type of external devices connected.

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



Accessories (Additional Fee)

Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
Additional modules
Protective cover for balances
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners

Anti-Draft Chamber for Balances with a 128x128 mm Weighing Pan
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Receipt Printer
Fingerprint Reader
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

