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# PS 4500.5Y.M.PGC Precision Balance

WK-314-0003

More information on the website
mirror.radwag.com/en/info,w1,5MU

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] | 4500 g |
| Minimum load | 5 g |

| | |
|---|---|
| **Metrological parameters** | |
| Readability [d] | 0.1 g |
| Verification unit [e] | 0.1 g |
| Tare range | -4500 g |
| Minimum weight (USP) | 10 g |
| Minimum weight (U=1%, k=2) | 1 g |
| Standard repeatability [Max] | 0.008 g |
| Standard repeatability [5% Max] | 0.005 g |
| Linearity | ±0.02 g |
| Stabilization time | 1.5 s |
| Adjustment | internal (automatic) |
| OIML Class | II |
| Sensitivity temperature drift | $2\times10^{-6}$/°C×Rt |
| **Physical parameters** | |
| Leveling system | semi-automatic – LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Delivery components | Balance, weighing pan, weighing pan shield, fabric dust cover, power supply |
| Weighing pan dimensions | 195×195 mm |
| Device dimensions W x D x H | 333x206x107 mm |
| Packaging dimensions W x D x H | 720×370×274 mm |
| Net weight | 7.2 kg |
| Gross weight | 9.3 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<br>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 |
| Storage temperature | -20 – +50 °C |
| 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.

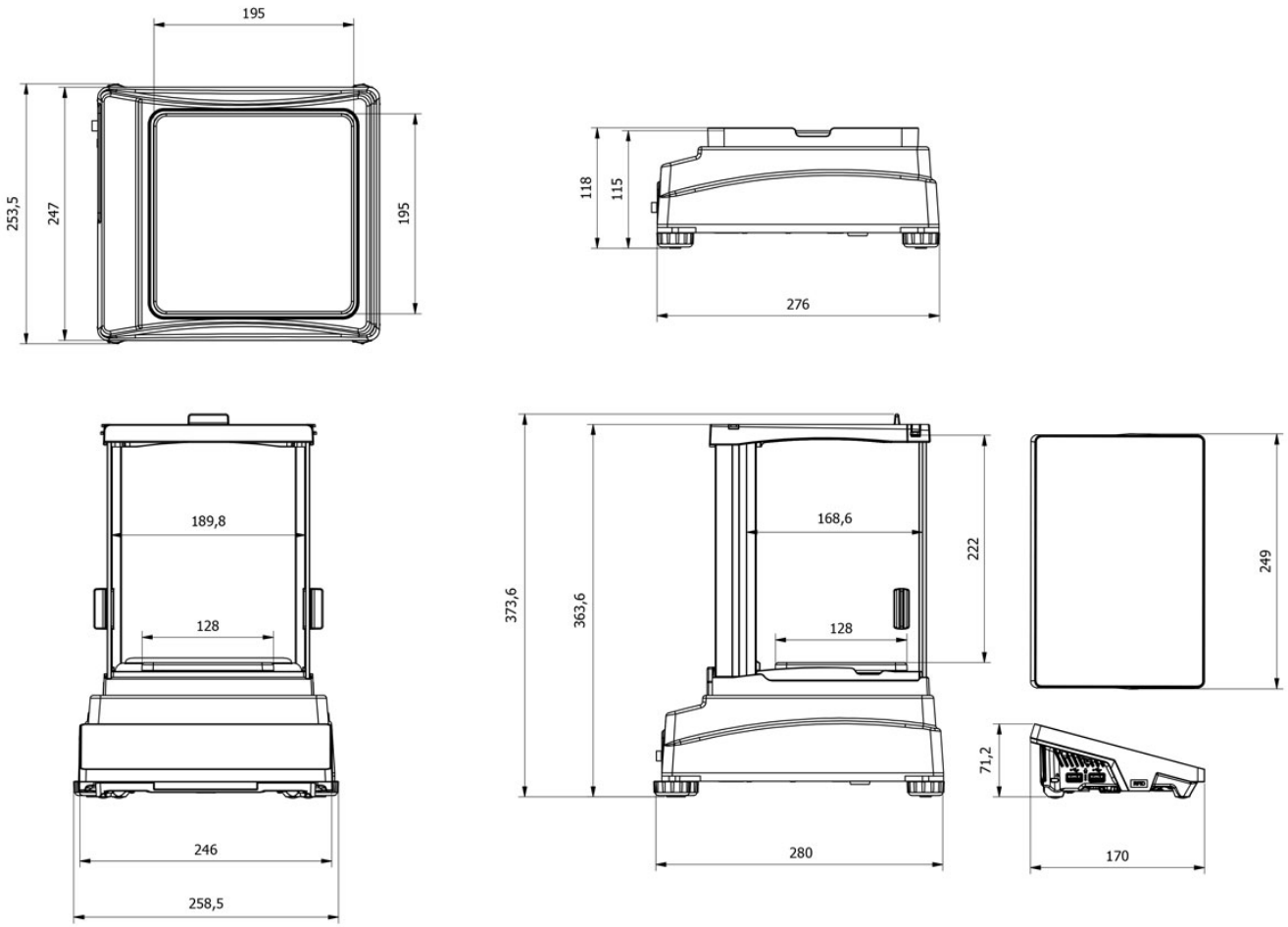
* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

Additional fee for verification

## Accessories (Additional Fee)

Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
Additional modules
USB cable (scale - printer)
Professional Weighing Tables
Protective cover for balances
Barcode scanners
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Density determination KIT
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