



More information on the website
radwag.com/us/info,w1,MBX

PS 3500.5Y.M 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

Maximum capacity [Max]	3500 g
Minimum load	-
Readability [d]	10 mg

Verification unit [e]	-
Tare range	-3500 g
Standard repeatability [5% Max]	5 mg
Standard repeatability [Max]	8 mg
Standard minimum weight (USP)	10 g
Standard minimum weight (U=1%, k=2)	1 g
Linearity	±20 mg
Stabilization time	1,5 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, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Packaging dimensions	720×370×274 mm
Net weight	7,2 kg
Gross weight	9,3 kg
Construction	
Protection class	IP 43
Database capacity	7
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
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
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%

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



Accessories

!Balance Storage Case

THBR 2.0 System - Ambient Conditions Monitoring

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

Density determination KIT
 Receipt Printer
 Fingerprint Reader
 RS 232, RS 485 cables
 Protective cover for balances
 Under-pan weighing
 RS 232 cables (scale - printer)
 RS 232 – RS 485 Converter

Software

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

Device dimensions

