radwag.com

PS 3500.X2.M Precision Balance

More information on the website
radwag.com/en/info,w1,9T4

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
- Density determination
- Ambient conditions monitoring
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Mass for titrator
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	3500 g
Minimum load	0,5 g
Readability [d]	0,01 g
Verification scale interval [e]	0,1 g

Metrological parameters	
Tare range	-3500 g
Minimum weight (USP)	10 g
Minimum weight (U=1%,k=2)	1 g
Repeatability (Max)	0,008 g
Repeatability (5% Max)	0,005 g
Linearity	±0,02 g
Stabilization time	1,5 s
Adjustment	internal (automatic)
OIML Class	II
Physical parameters	
Leveling system	manual
Display	5” graphic color touchscreen
Protection class	IP 43
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Packaging dimensions	470×380×336 mm
Net weight	4,5 kg
Gross weight	6 kg
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×RS232[1], USB-A, USB-B, Ethernet, Wi-Fi
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,8A max
Environmental conditions	
Operating temperature	+10 ÷ +40 °C

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.

Accessories

Barcode scanners
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Antivibration Tables
Displays
Density determination KIT
Protective cover for balances
RS 232, RS 485 cables
Under-Pan Weighing Rack
RS 232 cables (scale - printer)

Software

RAD-KEY
Alibi Reader
RADWAG Development Studio
R.Barcode
LabVIEW Driver
R-LAB
E2R System

Device dimensions