radwag.com

PS 3500.R2.M.H Precision Balance

WL-221-0024

More information on the website
mirror.radwag.com/en/info,w1,4KZ



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

Functions

- Autotest
- Dosing
- Percent Weighing
- Totalizing
- Parts counting
- Peak hold
- Newton unit measurement
- Statistics
- Checkweighing
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Density determination

Datasheet

Metrological parameters	
Maximum capacity [Max]	3500 g
Minimum load	500 mg
Readability [d]	0.01 g
Tare range	-3500 g
Minimum weight (USP)	10 g
Minimum weight (U=1%, k=2)	1 g

Metrological parameters	
Standard repeatability [5% Max]	0.005 g
Repeatability (Max)	0.008 g
Linearity	±0.02 g
Stabilization time	1.5 s
Adjustment	internal (automatic)
Sensitivity temperature drift	2×10^{-6}/°C×Rt
Physical parameters	
Leveling system	manual
Display	5.3” LCD (backlit)
Delivery components	Balance, weighing pan, weighing pan shield, power supply
Weighing pan dimensions	195×195 mm
Packaging dimensions W x D x H	475×380×345 mm
Net weight	3.6 kg
Gross weight	5.1 kg
Construction	
Protection class	IP 54
Communication interface	
Communication interface	2×RS232[1], USB-A, USB-B, Wi-Fi (option)
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1.2A Balance: 12 – 15V DC 0.7A max; 3 – 5.5W*
Power consumption	4 W
Environmental conditions	
Operating temperature	+10 – +40 °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 RS232 interface exclusively.

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

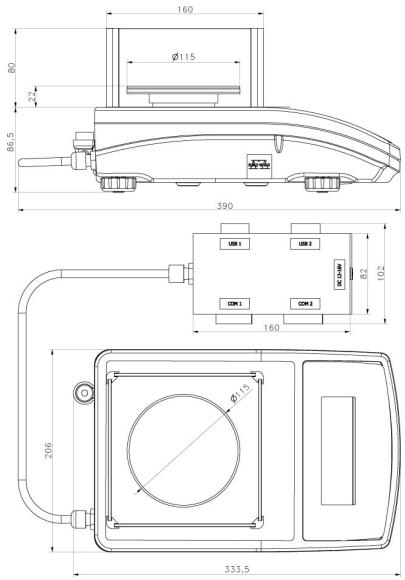
Accessories (Additional Fee)

Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
RS 232, RS 485 cables
Displays
Receipt Printer
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)

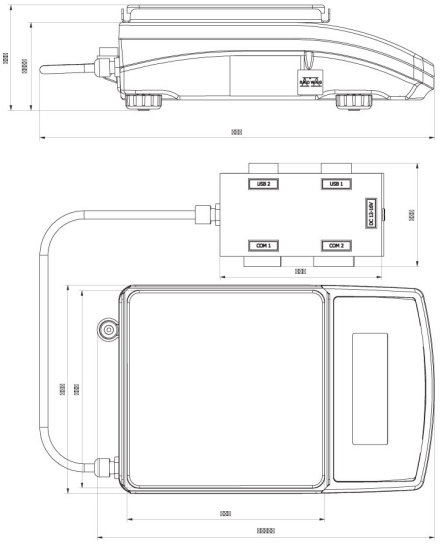
Software (Additional Fee)

• RAD Key [WX-010-0005]
• Alibi Reader [WX-010-0114]
• RADWAG Development Studio [WX-010-0104]
• R-Panel [WX-010-0187]
• R-Lab [WX-010-0080]

Device dimensions W x D x H



PS R2.H, d = 1 mg



PS R2.M.H, d = 10 mg