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[radwag.com/en/info,w1,0EW](http://radwag.com/en/info,w1,0EW)

# 5Y.50.PM 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

### Metrological parameters

Maximum capacity [Max]	50 kg
Minimum load	5 g

<b>Metrological parameters</b>	
Readability [d]	0.1 g
Verification unit [e]	1 g
Tare range	-50 kg
Minimum weight (USP)	82 g
Minimum weight (U=1%,k=2)	8.2 g
Repeatability (Max)	0.15 g
Repeatability (5% Max)	0.04 g
Linearity	±0.3 g
Stabilization time	1 s
Adjustment	internal (automatic)
OIML Class	II
<b>Physical parameters</b>	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Weighing pan dimensions	350×260 mm
Packaging dimensions	520×520×280 mm
Net weight	12 kg
Gross weight	14.2 kg
<b>Construction</b>	
Protection class	IP 43
<b>Communication interface</b>	
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
<b>Electrical parameters</b>	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Waga: 12 – 15V DC 1.4A max*
<b>Environmental conditions</b>	
Operating temperature	+10 – +40 °C

\* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

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



Extra payment for verification



## Accessories

### MediaBox

- IM02.1 (MediaBox) Communication Module [WX-016-0303]

### RFID Tags

- RFID Tag [WX-015-0330]

### Antivibration Tables

- SAL/STONE/H Stainless Steel Antivibration Table [WX-001-0079]
- SAL/STONE/C Antivibration Table [WX-001-0078]

### Under-pan weighing

- Under-Pan Weighing Hook (PM, WLC, WLY) [WX-015-0324]

### RS 232, RS 485 cables

- Cable to the ZR-03/1 and ZR-04/1 Powerbank [WX-013-0244]
- PT0455 Cable [WX-013-0239]

### USB Hubs

- USB 3.0 Hub [WX-015-0286]

#### Power Adapters

- ZR-04/1 Powerbank [WX-015-0329]
- ZR-03/1 Powerbank [WX-015-0319]

#### Additional modules

- RES Radwag Extended SI Module (5Y, CY10) [WX-016-0315]
- 21 CFR Part 11 Compliance Module (4Y, 5Y, CY10) [WX-001-0133]

#### Professional weighing table

- PSW Professional Single Weighing Workstation [WX-001-0020]

#### Protective cover for balances

- Hybrid Protective Glass 5Y, CY10 [WX-001-0435]

#### Barcode scanners

- LS2208 Barcode Scanner [WX-006-0005]
- PM9501-433RBK20 Barcode Scanner [WX-006-0051]
- PD9531-K1 Barcode Scanner [WX-006-0046]
- DS2208 Barcode Scanner [WX-006-0036]
- PM9501-433RBK10 Barcode Scanner [WX-006-0045]
- PD9531-K2 Barcode Scanner [WX-006-0050]

#### Balance Storage Case

- Transport Case for 5Y.PM [WX-002-0044]

#### RS 232, RS 485 cables

- PT0454 Cable [WX-013-0240]
- PT0443 Cable [WX-013-0229]

#### Stands, wall mounting kits and mounting brackets

- Wall mounting kit for 5Y / PUE CY10 terminals [WX-002-0131]

#### Receipt Printer

- RTP-UEW80 Radwag Thermal Receipt Printer (USB + Ethernet + WiFi) [WX-007-0118]
- RTP-RU80 Radwag Thermal Receipt Printer (RS232 + USB) [WX-007-0119]

#### Fingerprint Reader

#### RS 232 – USB Converter

- Moxa UPort 1110 Converter [WX-015-0278]

## Software

- Scale Editor 2.1 [WX-010-0173]

## Device dimensions

