



PM 50.5Y Precision Balance, PM 120.5Y Precision Balance, PM 10.5Y Precision Balance, PM 35.5Y Precision Balance, PM 15.5Y Precision Balance, PM 25.5Y Precision Balance, PM 60.5Y Precision Balance, PM 20.5Y Precision Balance

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



PM 50.5Y Precision Balance
 PM 35.5Y Precision Balance
 PM 25.5Y Precision Balance



PM 120.5Y Precision Balance
 PM 60.5Y Precision Balance



PM 10.5Y Precision Balance
 PM 15.5Y Precision Balance
 PM 20.5Y Precision Balance

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

	PM 10.5Y Precision Balance	PM 15.5Y Precision Balance	PM 20.5Y Precision Balance
Metrological parameters			
Maximum capacity [Max]	10 kg	15 kg	20 kg
Minimum load	0,5 g	0,5 g	0,5 g
Preload range			
Readability [d]	0,01 g	0,01 g	0,01 g
Verification scale interval [e]	- g	- g	- g
Tare range	-10 kg	-15 kg	-20 kg
Minimum weight (USP)	8,2 g	8,2 g	8,2 g
Minimum weight (U=1%,k=2)	0,82 g	0,82 g	0,82 g
Repeatability (Max)	0,01 g	0,012 g	0,015 g
Repeatability (5% Max)	0,004 g	0,004 g	0,004 g
Linearity	±0,025 g	±0,03 g	±0,03 g
Stabilization time	1,5 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	-	-	-
Physical parameters			
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	200×185 mm	200×185 mm	200×185 mm
Packaging dimensions	520×520×280 mm	520×520×280 mm	520×520×280 mm
Net weight	12 kg	12 kg	12 kg
Gross weight	14,2 kg	14,2 kg	14,2 kg
Communication interface			
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Environmental conditions			
Operating temperature	+10 – +40 °C	+10 – +40 °C	+10 – +40 °C

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

Datasheet

	PM 25.5Y Precision Balance	PM 35.5Y Precision Balance	PM 50.5Y Precision Balance
Metrological parameters			
Maximum capacity [Max]	25 kg	35 kg	50 kg
Minimum load	5 g	5 g	5 g
Preload range			
Readability [d]	0,1 g	0,1 g	0,1 g
Verification scale interval [e]	- g	- g	- g
Tare range	-25 kg	-35 kg	-50 kg
Minimum weight (USP)	82 g	82 g	82 g
Minimum weight (U=1%,k=2)	8,2 g	8,2 g	8,2 g
Repeatability (Max)	0,1 g	0,1 g	0,15 g
Repeatability (5% Max)	0,04 g	0,04 g	0,04 g
Linearity	±0,3 g	±0,3 g	±0,3 g
Stabilization time	3 s	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	-	-	-
Physical parameters			
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" touchscreen	10" touchscreen	10" touchscreen
Weighing pan dimensions	350×260 mm	350×260 mm	350×260 mm
Packaging dimensions	520×520×280 mm	520×520×280 mm	520×520×280 mm
Net weight	12 kg	12 kg	12 kg
Gross weight	14,2 kg	14,2 kg	14,2 kg
Communication interface			
Communication interface	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Environmental conditions			
Operating temperature	+10 – +40 °C	+10 – +40 °C	+10 – +40 °C

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

Datasheet

	PM 60.5Y Precision Balance	PM 120.5Y Precision Balance
Metrological parameters		
Maximum capacity [Max]	60 kg	120 kg
Minimum load	10 g	20 g
Preload range	6 kg	12 kg
Readability [d]	0,1 g	0,2 g
Verification scale interval [e]	-	- g
Tare range	-60 kg	-120 kg
Minimum weight (USP)	82 g	120 g
Minimum weight (U=1%,k=2)	8,2 g	12 g
Repeatability (Max)	0,15 g	0,2 g
Repeatability (5% Max)	0,041 g	0,06 g
Linearity	±0,3 g	±0,6 g
Stabilization time	3 s	3 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	-	-
Physical parameters		
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" touchscreen	10" touchscreen
Weighing pan dimensions	400x500 mm	400x500 mm
Packaging dimensions	700x600x200 mm	700x600x200 mm
Net weight	22 kg	22 kg
Gross weight	24,5 kg	24,5 kg
Communication interface		
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters		
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max*
Environmental conditions		
Operating temperature	+10 – +40 °C	+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.



Accessories

Antivibration Tables
Barcode scanners
USB Hubs
Stands, wall mounting kits and mounting brackets

Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

Scales Editor 2.1

Device dimensions

PM 50.5Y Precision Balance, PM 35.5Y Precision Balance, PM 25.5Y Precision Balance





