



5Y.50.PM Precision Balance, 5Y.120.PM Precision Balance, 5Y.10.PM Precision Balance,
5Y.35.PM Precision Balance, 5Y.15.PM Precision Balance, 5Y.25.PM Precision Balance,
5Y.60.PM Precision Balance, 5Y.20.PM Precision Balance

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



5Y.50.PM Precision Balance
5Y.35.PM Precision Balance
5Y.25.PM Precision Balance



5Y.120.PM Precision Balance
5Y.60.PM Precision Balance



5Y.10.PM Precision Balance
5Y.15.PM Precision Balance
5Y.20.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



Under-pan weighing:
- 5Y.10.PM Precision Balance
- 5Y.15.PM Precision Balance
- 5Y.20.PM Precision Balance
- 5Y.25.PM Precision Balance
- 5Y.35.PM Precision Balance

Datasheet

	5Y.10.PM Precision Balance	5Y.15.PM Precision Balance	5Y.20.PM Precision Balance
Metrological parameters			
Maximum capacity [Max]	10 kg	15 kg	20 kg
Minimum load	0,5 g	-	-
Readability [d]	0,01 g	0,01 g	0,01 g
Verification unit [e]	0,1 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 s	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	-	-
Physical parameters			
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour 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	12,96 kg	12 kg	12 kg
Gross weight	14,2 kg	14,2 kg	14,2 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Communication interface			
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V 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

	5Y.25.PM Precision Balance	5Y.35.PM Precision Balance	5Y.50.PM Precision Balance
Metrological parameters			
Maximum capacity [Max]	25 kg	35 kg	50 kg
Minimum load	5 g	5 g	5 g
Readability [d]	0,1 g	0,1 g	0,1 g
Verification unit [e]	1 g	1 g	1 g
Tare range	-25 kg	-35 kg	-50 kg
Minimum weight (USP)	82 g	100 g	82 g
Minimum weight (U=1%,k=2)	8,2 g	10 g	8,2 g
Repeatability (Max)	0,1 g	0,05 g	0,15 g
Repeatability (5% Max)	0,04 g		0,04 g
Linearity	±0,3 g	±0,3 g	±0,3 g
Stabilization time	1 s	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)	internal (automatic)
OIML Class	II	II	II
Physical parameters			
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen	10" graphic colour touchscreen	10" graphic colour 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	16 kg	14,2 kg
Construction			
Protection class	IP 43	IP 43	IP 43
Communication interface			
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters			
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*
Environmental conditions			
Operating temperature	+10 – +40 °C	+10 – +40 °C	+10 – +40 °C

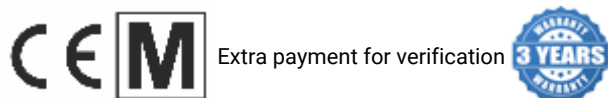
* The power supply can be connected to the socket on the back of the balance housing or to the terminal.

Datasheet

	5Y.60.PM Precision Balance	5Y.120.PM Precision Balance
Metrological parameters		
Maximum capacity [Max]	60 kg	120 kg
Minimum load	10 g	-
Readability [d]	0,1 g	0,2 g
Verification unit [e]	1 g	-
Tare range	-60 kg	-120 kg
Minimum weight (USP)	82 g	164 g
Minimum weight (U=1%,k=2)	8,2 g	16,4 g
Repeatability (Max)	0,15 g	0,2 g
Repeatability (5% Max)	0,041 g	0,082 g
Linearity	±0,3 g	±0,6 g
Stabilization time	1 s	1 s
Adjustment	internal (automatic)	internal (automatic)
OIML Class	II	-
Physical parameters		
Leveling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing pan dimensions	400×500 mm	400×500 mm
Packaging dimensions	710×610×240 mm	710×610×240 mm
Net weight	22 kg	22 kg
Gross weight	26,5 kg	24,5 kg
Construction		
Protection class	IP 43	IP 43
Communication interface		
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters		
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V DC 1,4A max*	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 16V 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

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
Additional modules
Professional Weighing Tables
Protective cover for balances
Barcode scanners

Balance Storage Case
Under-pan weighing
RS 232, RS 485 cables
RS 232, RS 485 cables
Stands, wall mounting kits and mounting brackets
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter

Software

E2R System
RADWAG Remote Desktop

Label Editor R02
Scales Editor 2.1

Device dimensions

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