XA 52.5Y.F Analytical Balance, XA 110.5Y.F Analytical Balance

More information on the website
radwag.com/en/info,w1,6WD

XA 52.5Y.F Analytical Balance
XA 110.5Y.F Analytical Balance

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

Functions

- Autotest
- Dosing
- Percent Weighing
- Parts counting
- Formulation
- Newton unit measurement
- Statistics
- Checkweighing
- IR sensors
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Air density correction
- Differential weighing
- Ambient conditions monitoring
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Wi-Fi

Datasheet

	XA 52.5Y.F Analytical Balance WL-110-0017	**XA 110.5Y.F Analytical Balance** WL-110-0018
Metrological parameters		
Maximum capacity [Max]	52 g	110 g
Minimum load	1 mg	1 mg
Readability [d]	0,01 mg	0,01 mg
Verification unit [e]	1 mg	1 mg
Tare range	-52 mg	-110 mg
Standard repeatability [5% Max]	0,007 mg	0,007 mg
Standard repeatability [Max]	0,01 mg	0,02 mg
Standard minimum weight (USP)	14 mg	14 mg
Standard minimum weight (U=1%, k=2)	1,4 mg	1,4 mg
Permissible repeatability [5% Max]	0,01 mg	0,01 mg
Permissible repeatability [Max]	0,02 mg	0,03 mg
Linearity	±0,03 mg	±0,06 mg
Eccentric load deviation	0,03 mg	0,06 mg
Sensitivity offset	$2\times10^{-6}\times Rt$	$2\times10^{-6}\times Rt$
Sensitivity time drift	1×10^{-6}/Year×Rt	1×10^{-6}/Year×Rt
Stabilization time	5 s (30 s for filters)	5 s (30 s for filters)
Adjustment	internal (automatic)	internal (automatic)
OIML Class	I	I
Physical parameters		
Leveling system	semi-automatic – LevelSENSING	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen	10" graphic colour touchscreen
Weighing chamber doors	manual	manual
Delivery components	Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.	Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.
Weighing pan dimensions	210×254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option)	210×254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option)
Packaging dimensions	865×510×690 mm	865×510×690 mm
Net weight	12,7 kg	12,7 kg
Gross weight	23,5 kg	25 kg
Construction		
Protection class	IP 43	IP 43
Communication interface		
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters		
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A max	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A max
Environmental conditions		
Operating temperature	+10 – +50 °C	+10 – +50 °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.

Additional fee for verification

Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
RS 232, RS 485 cables
Density determination KIT
Additional modules
Professional Weighing Tables
Protective cover for balances
Barcode scanners
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Protective cover for balances
Under-pan weighing
Antistatic ionizer
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

Software (Additional Fee)

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio
RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions

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