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

Functions

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

Datasheet

	XA 52.5Y.F Analytical Balance	XA 110.5Y.F Analytical Balance
Metrological parameters		
Maximum capacity [Max]	52 g	110 g
Minimum load	1 mg	1 mg
Readability [d]	0,01 mg	0,01 mg
Verification scale interval [e]	1 mg	1 mg
Tare range	-52 mg	-110 mg
Standard repeatability [5% Max]	0,007 mg	0,007
Standard repeatability [Max]	0,01 mg	0,02
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
Permissible repeatability [Max]	0,02 mg	0,03
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		
Levelling system	semi-automatic - LevelSENSING	semi-automatic - LevelSENSING
Display	5,7” resistive colour touchscreen	5,7” resistive colour touchscreen
Delivery components	Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover , power supply, RS232 cable, hook for under-pan weighing.	Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover , power supply, RS232 cable, hook for under-pan weighing.
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	510×865×680 mm	510×865×680 mm
Net weight	12,7 kg	12,7 kg
Gross weight	25 kg	25 kg
Communication interface		
Communication interface	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi	2×RS232, 2×USB-A, Ethernet, 4 IN / 4 OUT (digital), Wi-Fi
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.

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

Accessories

Antivibration Tables
Barcode scanners
Density determination KIT
Receipt Printer
Professional weighing table
USB Hubs
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Holders for test tubes and filters
Under-Pan Weighing Rack
RS 232, RS 485 cables
RS 232 – USB Converter
Displays
RS 232 cables (scale - printer)

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
RADWAG Development Studio
R.Barcode
Audit Trail Reader
Label Editor R02
R-LAB
E2R System

Device dimensions

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