radwag.com

XA 52.5Y.F Analytical Balance

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

XA 52.5Y.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
- 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
Metrological parameters	
Maximum capacity [Max]	52 g
Minimum load	1 mg
Readability [d]	0,01 mg
Verification scale interval [e]	1 mg
Tare range	-52 mg
Standard repeatability [5% Max]	0,007 mg
Standard repeatability [Max]	0,01 mg
Standard minimum weight (USP)	14 mg
Standard minimum weight (U=1%, k=2)	1,4 mg
Permissible repeatability [5% Max]	0,01 mg
Permissible repeatability [Max]	0,02 mg
Linearity	±0,03 mg
Eccentric load deviation	0,03 mg
Sensitivity offset	$2\times10^{-6}\times Rt$
Sensitivity time drift	$1\times10^{-6}/Year\times Rt$
Stabilization time	5 s (30 s for filters)
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Protection class	IP 43
Delivery components	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)
Packaging dimensions	510×865×680 mm
Net weight	12,7 kg
Gross weight	25 kg
Communication interface	
Communication interface	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
Environmental conditions	
Operating temperature	+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

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

Software

RAD-KEY
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
E2R System
Audit Trail Reader
Label Editor R02
R-LAB
RADWAG Development Studio
R.Barcode