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XA 82/220.5Y.A Analytical Balance

More information on the website
radwag.com/en/info,w1,C6M



XA 82/220.5Y.A Analytical 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
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Pipettes Calibration
- Air density correction
- Automatic sliding door
- Density determination
- Moveable range
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

	XA 82/220.5Y.A Analytical Balance
Metrological parameters	
Maximum capacity [Max]	82 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg
Verification scale interval [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,06 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Permissible repeatability [Max]	0,08 mg
Linearity	±0,06 / 0,2 mg
Eccentric load deviation	0,2 mg
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	automatic - Reflex Level System
Display	10" touchscreen
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, brush, fabric dust cover, power supply.
Weighing chamber dimensions	170×200×220 mm
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	435 x 885 x 540 mm
Net weight	14,7 kg
Gross weight	19,1 kg
Communication interface	
Communication interface	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 1,6A max*
Environmental conditions	
Operating temperature	+10 — +40 °C
Operating temperature change rate	±0,3°C/1h (±1°C/8h)
Relative humidity	20% — 80%
Relative humidity change rate	±1%/h (±4%/8h)

* 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
Adapter for Pipette Calibration
Barcode scanners
Density determination KIT
Professional weighing table
Holders for test tubes and filters
USB Hubs
Label Printers
Holders for laboratory flasks
THBR 2.0 System - Ambient Conditions Monitoring
Under-Pan Weighing Rack
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Fingerprint Reader
RS 232 – USB Converter
RS 232, RS 485 cables

Software

RAD-KEY
Label Editor R02
R-LAB
RADWAG Development Studio
LabVIEW Driver
RADWAG Remote Desktop
Scales Editor 2.1
R.Barcode

Device dimensions

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