radwag.com

XA 82/220.5Y Analytical Balance

More information on the website
radwag.com/en/info,w1,9QF

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
- Density determination
- Moveable range
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	82 / 220 g
Minimum load	1 mg

Metrological parameters	
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	semi-automatic - LevelSENSING
Display	10" touchscreen
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.
Weighing chamber dimensions	168×160×228 mm
Weighing pan dimensions	ø90 + ø85 (option) mm
Packaging dimensions	435 x 885 x 540 mm
Net weight	9,8 kg
Gross weight	14,3 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.

Accessories

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