radwag.com

XA 82/220.5Y Analytical Balance

WL-110-1001

More information on the website
mirror.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 unit [e]	1 mg
Tare range	-220 g
Minimum weight (USP)	8.2 mg
Minimum weight (U=1%, k=2)	0.82 mg
Standard repeatability [5% Max]	0.0041 mg
Permissible repeatability [5% Max]	0.012 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" graphic colour touchscreen
Weighing chamber doors	manual
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 mm open-work pan + ø85 mm (option) + ø68 mm (option) with pipette calibration adapter XA100-1 + ø36 mm (option) with pipette calibration adapter XA17-1
Packaging dimensions W x D x H	750×492×595 mm
Net weight	12 kg
Gross weight	17 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W*
Environmental conditions	
Operating temperature	+10 – +40 °C
Operating temperature change rate	±0.3 °C / 1 h (±1 °C / 8 h)
Relative humidity	20% – 80%
Relative humidity change rate	±1% / h (±4% / 8 h)

Standard repeatability [5% Max] and **Standard minimum weight (USP)** are parameters obtained in automatic mode under special laboratory conditions.
Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.
Stabilization time dependson the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.
* Power consumption depends on the terminal configuration as well as the number and type of external devices connected.
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.

Additional fee for verification

Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
RS 232, RS 485 cables
Holders for laboratory flasks
Density determination KIT
Additional modules
Holders for test tubes and filters
Professional Weighing Tables
Protective cover for balances
Barcode scanners
Balance Storage Case
Automatic feeders
Label Printers
Adapters for Pipettes Calibration
THBR 2.0 System - Ambient Conditions Monitoring
MICRO-KIT - Set of Holders for Microscale Glassware
Under-pan weighing
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Antistatic ionizer
Receipt Printer
Fingerprint Reader
Suction pumps for liquids
RS 232 – USB Converter

Software (Additional Fee)

• E2R Weighing [WX-010-0099]
• Label Editor R02 [WX-010-0094]
• R-Lab [WX-010-0080]
• RADWAG Development Studio [WX-010-0104]
• RAD Key [WX-010-0005]
• RADWAG Remote Desktop [WX-010-0107]
• Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

