



XA 82/220.5Y.A Analytical Balance

WL-110-0004

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



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

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)	10 mg
Minimum weight (U=1%, k=2)	1 mg
Standard repeatability [5% Max]	0,005 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	automatic – Reflex Level System
Display	10" graphic colour touchscreen
Weighing chamber	automatic
Weighing chamber doors	automatic
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, brush, fabric dust cover, power supply.
Weighing chamber dimensions	200×170×220 mm
Weighing pan dimensions	ø90 mm open-work pan + ø85 mm (option) + ø68 mm (option) with pipette calibration adapter XA100-2 + ø36 mm (option) with pipette calibration adapter XA17-2
Packaging dimensions W x D x H	750×492×595 mm
Net weight	15,27 kg
Gross weight	20 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 1,6A max; 10 – 19W*
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)

Repeatability is expressed as a standard deviation from 10 cycles of mass standard weighing.

Stabilization time depends on the ambient conditions and the dynamics of weighing pan loading; specified for FAST profile.

* 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 (Additional Fee)

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

Software (Additional Fee)

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

Device dimensions W x D x H

