radwag.com

**XA 220.5Y.A Analytical Balance**

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



XA 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
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

# Datasheet

| | XA 220.5Y.A Analytical Balance |
|---|---|
| **Metrological parameters** | |
| **Maximum capacity [Max]** | 220 g |
| **Minimum load** | 10 mg |
| **Readability [d]** | 0,1 mg |
| **Verification unit [e]** | 1 mg |
| **Tare range** | -220 g |
| **Standard repeatability [5% Max]** | 0,05 mg |
| **Standard repeatability [Max]** | 0,08 mg |
| **Standard minimum weight (USP)** | 100 mg |
| **Standard minimum weight (U=1%, k=2)** | 10 mg |
| **Permissible repeatability [5% Max]** | 0,07 mg |
| **Permissible repeatability [Max]** | 0,1 mg |
| **Linearity** | ±0,2 mg |
| **Eccentric load deviation** | 0,2 mg |
| **Sensitivity time drift** | $1\times10^{-6}$/Year×Rt |
| **Stabilization time** | 1,3 s |
| **Adjustment** | internal (automatic) |
| **OIML Class** | I |
| **Physical parameters** | |
| **Leveling system** | automatic - Reflex Level System |
| **Display** | 10" touchscreen |
| **Weighing chamber** | automatic |
| **Weighing chamber doors** | automatic |
| **Delivery components** | Analytical Balance, weighing pan, weighing pan shield, brush, fabric dust cover, power supply. |
| **Weighing chamber dimensions** | 200×170×220 mm |
| **Weighing pan dimensions** | ø100 mm |
| **Packaging dimensions** | 750×492×595 mm |
| **Net weight** | 14,7 kg |
| **Gross weight** | 20 kg |
| **Construction** | |
| **Protection class** | IP 43 |
| **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<br>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 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.

Extra payment for verification

## Accessories

MediaBox
RFID Tags
Antivibration Tables
Power Adapters
Protective cover for balances
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
Automatic feeders
USB Hubs
Label Printers
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Under-pan weighing
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Receipt Printer
Fingerprint Reader
RS 232 – USB Converter
Under-pan weighing

## Software

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio
RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

## Device dimensions

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