



More information on the website
radwag.com/en/info,w1,NZ3

XA 120/250.5Y 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
- 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] | 120 / 250 g |
| Minimum load | 1 mg |

| Metrological parameters | |
|-------------------------------------|---|
| Readability [d] | 0.01 / 0.1 mg |
| Verification unit [e] | 1 mg |
| Tare range | -250 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] | 0.1 mg |
| Linearity | ±0.06 / 0.2 mg |
| Eccentric load deviation | 0.2 mg |
| Sensitivity time drift | 1×10 ⁻⁶ /Year×Rt |
| Stabilization time | 3 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 open-work pan + ø85 (option) mm |
| Packaging dimensions | 750×492×595 mm |
| Net weight | 9.8 kg |
| Gross weight | 14.3 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×USB-A, 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

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

Automatic feeders

Label Printers

Adapters for Pipettes Calibration

THBR 2.0 System - Ambient Conditions Monitoring

RS 232, RS 485 cables

Protective cover for balances

Under-pan weighing

Anti-Draft Chamber for XA 4Y and XA 5Y Balances

Weighing dishes

Antistatic ionizer

Receipt Printer

Fingerprint Reader

RS 232 – USB Converter

Under-pan weighing

Software

• E2R Weighing [WX-010-0099]

• RAD Key [WX-010-0005]

• RADWAG Remote Desktop [WX-010-0107]

• Scale Editor 2.1 [WX-010-0173]

• E2R Weighing Records [WX-010-0038]

• Label Editor R02 [WX-010-0094]

• R-Lab [WX-010-0080]

• RADWAG Development Studio [WX-010-0104]

Device dimensions

