



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

XA 82/220.5Y.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
- Moveable range
- Differential weighing
- Ambient conditions monitoring
- Statistical Quality Control
- Packaged Goods Control
- ALIBI Memory
- Wi-Fi

Datasheet

| | |
|------------------------|---------------|
| Maximum capacity [Max] | 82 / 220 g |
| Minimum load | 1 mg |
| Readability [d] | 0,01 / 0,1 mg |

| | |
|-------------------------------------|---|
| Verification unit [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 | 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 open-work pan + ø85 (option) mm |
| Packaging dimensions | 750×492×595 mm |
| Net weight | 15,27 kg |
| Gross weight | 19,1 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | 2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max* |
| 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) |

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

MediaBox
 RFID Tags
 Antivibration tables
 Adapters for pipettes calibration
 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
 Label Printers
 THBR 2.0 System - Ambient Conditions Monitoring
 RS 232, RS 485 cables
 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]
- RADWAG Development Studio [WX-010-0104]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

Device dimensions

