


























More information on the website
radwag.com/us/info,w1,V5C

XA 520.5Y.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

| | |
|------------------------|--------|
| Maximum capacity [Max] | 520 g |
| Minimum load | - |
| Readability [d] | 0,1 mg |

| | |
|-------------------------------------|--|
| Verification unit [e] | - |
| Tare range | -520 g |
| Standard repeatability [5% Max] | 0,07 mg |
| Standard repeatability [Max] | 0,18 mg |
| Standard minimum weight (USP) | 140 mg |
| Standard minimum weight (U=1%, k=2) | 14 mg |
| Permissible repeatability [5% Max] | 0,12 mg |
| Permissible repeatability [Max] | 0,25 mg |
| Linearity | ±0,5 mg |
| Eccentric load deviation | 0,4 mg |
| Sensitivity time drift | $1 \times 10^{-6} / \text{Year} \times R_t$ |
| Stabilization time | 1,3 s |
| Adjustment | internal (automatic) |
| OIML Class | - |
| Physical parameters | |
| Leveling system | automatyczny - Reflex Level System |
| Display | 10" graphic colour 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 | 20,5 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) |

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



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

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

