



More information on the website
radwag.com/en/info,w1,00D























XA 520.5Y Analytical Balance



XA 520.5Y 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 |
|  Differential weighing |  Ambient conditions monitoring |  Statistical Quality Control |  Packaged Goods Control |
|  ALIBI Memory |  Wi-Fi | | |

Datasheet

| | XA 520.5Y Analytical Balance |
|-------------------------------------|--|
| Metrological parameters | |
| Maximum capacity [Max] | 520 g |
| Minimum load | - |
| Readability [d] | 0,1 mg |
| Verification scale interval [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 | semi-automatic - LevelSENSING |
| Display | 10" touchscreen |
| Delivery components | Analytical Balance, weighing pan, weighing pan shield, bottom cover, brush, fabric dust cover, power supply. |
| Weighing chamber dimensions | 168×160×228 mm |
| Weighing pan dimensions | ∅100 mm |
| Packaging dimensions | 435 x 885 x 540 mm |
| Net weight | 9,8 kg |
| Gross weight | 14,3 kg |
| Communication interface | |
| Communication interface | USB-A x2, 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

Barcode scanners
 Density determination KIT
 Professional weighing table
 Holders for test tubes and filters
 USB Hubs
 Label Printers
 Holders for laboratory flasks

THBR 2.0 System - Ambient Conditions Monitoring
 Under-Pan Weighing Rack
 Anti-Draft Chamber for XA 4Y and XA 5Y Balances
 Weighing dishes
 Fingerprint Reader
 RS 232 – USB Converter

Software

RAD-KEY
 Label Editor R02
 R-LAB
 RADWAG Development Studio

LabVIEW Driver
 RADWAG Remote Desktop
 Scales Editor 2.1
 R.Barcode

Device dimensions

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