



XA 41/120.5Y.A Analytical Balance
























More information on the website
radwag.com/en/info,w1,E30



XA 41/120.5Y.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 41/120.5Y.A Analytical Balance WL-110-0027 |
| Metrological parameters | |
| Maximum capacity [Max] | 41 / 120 g |
| Minimum load | 0,2 mg |
| Readability [d] | 0,002 / 0,005 mg |
| Verification unit [e] | 1 mg |
| Tare range | -120 g |
| Minimum weight (USP) | 8,2 mg |
| Minimum weight (U=1%, k=2) | 0,82 mg |
| Standard repeatability [5% Max] | 0,004 mg |
| Permissible repeatability [5% Max] | 0,008 mg |
| Standard linearity | 0,03 mg |
| Permissible linearity | 0,1 mg |
| Standard eccentric load deviation | 0,04 mg |
| Permissible eccentric load deviation | 0,1 mg |
| Sensitivity time drift | $1 \times 10^{-6} / \text{Year} \times \text{Rt}$ |
| Stabilization time | 3,5 s |
| Adjustment | internal (automatic) |
| OIML Class | - |
| 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 | ø64 mm |
| Packaging dimensions W x D x H | 750×492×595 mm |
| Net weight | 14,1 kg |
| Gross weight | 18,45 kg |
| Construction | |
| Protection class | IP 43 |
| Communication interface | |
| Communication interface | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max; 10 – 19W* |
| Environmental conditions | |
| Operating temperature | +10 – +40 °C |
| Operating temperature change rate | ±0,3 °C / 1 h (±1 °C / 8 h) |
| Relative humidity | 20% – 80% |
| Relative humidity change rate | ±1% / h (±4% / 8 h) |

Standard repeatability [5% Max] and Standard minimum weight (USP) are parameters obtained in automatic mode under special laboratory conditions. 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. * Power consumption depends on the terminal configuration as well as the number and type of external devices connected. 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.



Additional fee for verification



Accessories (Additional Fee)

MediaBox
RFID Tags
Antivibration Tables
Adapters for Pipettes Calibration
Power Adapters
Protective cover for balances
RS 232, RS 485 cables
Density determination KIT
Additional modules
Professional Weighing Tables
Barcode scanners
Automatic feeders

Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
MICRO-KIT - Set of Holders for Microscale Glassware
Under-pan weighing
Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Weighing dishes
Antistatic ionizer
Receipt Printer
Fingerprint Reader
Adapter for Pipette Calibration
RS 232 – USB Converter
Balance Storage Case

Software (Additional Fee)

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio

RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions W x D x H

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