



More information on the website  
radwag.com/us/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

|                        |                |
|------------------------|----------------|
| Maximum capacity [Max] | 41/120 g       |
| Minimum load           | - mg           |
| Readability [d]        | 0,002/0,005 mg |

|                                     |   |
|-------------------------------------|---|
| Verification unit [e]               | -   |
| Tare range                          | -120 g  |
| Standard repeatability [5% Max]     | 0,004 mg  |
| Standard repeatability [Max]        | 0,012 mg  |
| Standard minimum weight (USP)       | 8 mg  |
| Standard minimum weight (U=1%, k=2) | 0,8 mg  |
| Permissible repeatability [5% Max]  | 0,008 mg  |
| Permissible repeatability [Max]     | 0,02 mg   |
| Standard linearity                  | 0,03 mg   |
| Permissible linearity               | 0,1 mg  |
| Standard eccentric load deviation   | 0,04 mg   |
| Eccentric load deviation            | 0,1 mg  |
| Sensitivity time drift              | $1 \times 10^{-6} / \text{Year} \times R_t$   |
| Stabilization time                  | 3,5 s   |
| Adjustment                          | internal (automatic)  |
| OIML Class                          | -   |
| <b>Physical parameters</b>          |   |
| 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, centring ring, brush, fabric dust cover, power supply. |
| Weighing chamber dimensions         | 200×170×220 mm  |
| Weighing pan dimensions             | ø64 mm  |
| Packaging dimensions                | 750×492×595 mm  |
| Net weight                          | 14,7 kg   |
| Gross weight                        | 16 kg   |
| <b>Construction</b>                 |   |
| 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<br>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  
Adapters for pipettes calibration  
Power Adapters  
Protective cover for balances  
RS 232, RS 485 cables  
Density determination KIT  
Additional modules  
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

