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[radwag.com/us/info,w1,7D8](http://radwag.com/us/info,w1,7D8)

# XA 6/21.5Y.M.A Microbalance



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
-  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] | 6/21 g |
| Minimum load           | 0,1 mg |
| Readability [d]        | 1/2 µg |

|                                     |  |
|-------------------------------------|--|
| Verification unit [e]               | 1 mg   |
| Tare range                          | -21 g  |
| Standard repeatability [5% Max]     | 1,3 µg   |
| Standard repeatability [Max]        | 3,5 µg   |
| Standard minimum weight (USP)       | 2,6 mg   |
| Standard minimum weight (U=1%, k=2) | 0,26 mg  |
| Permissible repeatability [5% Max]  | 2 µg   |
| Permissible repeatability [Max]     | 5 µg   |
| Linearity                           | ±9 µg  |
| Eccentric load deviation            | 15 µg  |
| Sensitivity time drift              | 1×10 <sup>-6</sup> /Year×Rt  |
| Stabilization time                  | ~3,5 s   |
| Adjustment                          | internal (automatic)   |
| OIML Class                          | I  |
| <b>Physical parameters</b>          |  |
| Leveling system                     | automatyczny - Reflex Level System   |
| Display                             | 10" graphic colour touchscreen   |
| Weighing chamber doors              | automatic  |
| Delivery components                 | Microbalance, weighing pan, weighing pan shield, power supply, brush, fabric dust cover. |
| Weighing chamber dimensions         | 199×170×217 mm   |
| Weighing pan dimensions             | ø30 mm   |
| Packaging dimensions                | 750×492×595 mm   |
| Net weight                          | 14,5 kg  |
| Gross weight                        | 18,9 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 1,4A max*         |
| Operating temperature               | +10 – +40 °C   |
| Operating temperature change rate   | ±0,3°C/1h (±1°C/8h)  |
| Relative humidity                   | 40% – 80%  |
| Relative humidity change rate       | ±1%/h (±4%/8h)   |

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



Extra payment for verification



## Accessories

MediaBox  
RFID Tags  
Antivibration tables  
Power Adapters  
Protective cover for balances  
RS 232, RS 485 cables  
Additional modules  
Anti-Draft Chamber for Microbalances  
Professional Weighing Tables  
Protective cover for balances  
Barcode scanners  
MICRO-KIT - Set of Holders for Microscale Glassware

Label Printers  
THBR 2.0 System - Ambient Conditions Monitoring  
RS 232, RS 485 cables  
Adapters for pipettes calibration  
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

