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

# XA 110.5Y.F Analytical Balance



The drawings, photos and graphics used are for illustrative purposes only.

## Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  GLP Procedures
-  Animal weighing
-  Pipettes Calibration
-  Air density correction
-  Differential weighing
-  Ambient conditions monitoring
-  Replaceable unit
-  Statistical Quality Control
-  ALIBI Memory
-  Wi-Fi

## Datasheet

|                        |         |
|------------------------|---------|
| Maximum capacity [Max] | 110 g   |
| Minimum load           | 1 mg    |
| Readability [d]        | 0,01 mg |
| Verification unit [e]  | 1 mg    |

|                                     |   |
|-------------------------------------|---|
| Tare range                          | -110 mg   |
| Standard repeatability [5% Max]     | 0,007 mg  |
| Standard repeatability [Max]        | 0,02 mg   |
| Standard minimum weight (USP)       | 14 mg   |
| Standard minimum weight (U=1%, k=2) | 1,4 mg  |
| Permissible repeatability [5% Max]  | 0,01 mg   |
| Permissible repeatability [Max]     | 0,03 mg   |
| Linearity                           | ±0,06 mg  |
| Eccentric load deviation            | 0,06 mg   |
| Sensitivity offset                  | $2 \times 10^{-6} \times R_t$   |
| Sensitivity time drift              | $1 \times 10^{-6} / \text{Year} \times R_t$   |
| Stabilization time                  | 5 s (30 s for filters)  |
| Adjustment                          | internal (automatic)  |
| OIML Class                          | I   |
| Sensitivity temperature drift       | $1 \times 10^{-6} / ^\circ\text{C} \times R_t$  |
| <b>Physical parameters</b>          |   |
| Leveling system                     | półautomatyczny - LevelSENSING  |
| Display                             | 10" graphic colour touchscreen  |
| Weighing chamber doors              | manual  |
| Delivery components                 | Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply. |
| Weighing pan dimensions             | 210×254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option)  |
| Packaging dimensions                | 865×510×690 mm  |
| Net weight                          | 12,7 kg   |
| Gross weight                        | 25 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 1,1A max   |
| Operating temperature               | +10 ÷ +50 °C  |

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



Extra payment for verification



## Accessories

MediaBox  
RFID Tags  
Antivibration tables

Label Printers  
THBR 2.0 System - Ambient Conditions Monitoring  
RS 232, RS 485 cables

Power Adapters  
RS 232, RS 485 cables  
Density determination KIT  
Additional modules  
Professional Weighing Tables  
Protective cover for balances  
Barcode scanners

Protective cover for balances  
Under-pan weighing  
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

