


























More information on the website  
radwag.com/us/info,w1,519

# XA 110.5Y.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]	110 g
Minimum load	1 mg
Readability [d]	0,01 mg

Verification unit [e]	1 mg
Tare range	-110 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,02 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Permissible repeatability [Max]	0,03 mg
Linearity	±0,06 mg
Eccentric load deviation	0,06 mg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times \text{Rt}$
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	I
<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	ø90 open-work pan + ø85 (option) 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 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.



Extra payment for verification



## 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

