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# XA 110.5Y Analytical Balance

WL-110-0010



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
- 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 minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0,012 mg
Linearity	±0,06 mg
Eccentric load deviation	0,06 mg
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times R_t$
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	I
<b>Physical parameters</b>	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Analytical Balance, weighing pan, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.
Weighing chamber dimensions	168×160×228 mm
Weighing pan dimensions	∅90 open-work pan + ∅85 (option) mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	9,8 kg
Gross weight	16 kg
<b>Construction</b>	
Protection class	IP 43
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max; 9 – 17W*
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)

**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.

\* 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  
Power Adapters  
RS 232, RS 485 cables  
Density determination KIT  
Additional modules  
Professional Weighing Tables  
Protective cover for balances  
Barcode scanners  
!Balance Storage Case  
Automatic feeders

Label Printers  
Adapters for pipettes calibration  
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  
RS 232 – USB Converter

## Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

## Device dimensions W x D x H

