

# XA 52.5Y.A Analytical Balance WL-110-0001





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

### **Functions**

@	Autotest		Dosing	%	Percent Weighing	***	Parts counting
MAX	Peak hold		Formulation	<b>7</b>	Newton unit measurement	<u>.al</u>	Statistics
- <u>OK</u> +	Checkweighing	4	IR sensors	8	Under-pan weighing	GLP	GLP Procedures
	Animal weighing	N	Pipettes Calibration	≋	Air density correction	<b></b>	Automatic sliding door
ρ	Density determination		Differential weighing		Ambient conditions monitoring	SQC	Statistical Quality Control
e	Packaged Goods Control		ALIBI Memory		Wi-Fi		

## **Datasheet**

Metrological parameters	
Maximum capacity [Max]	52 g
Minimum load	1 mg

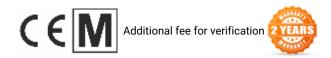
Metrological parameters	
Readability [d]	0.01 mg
Verification unit [e]	1 mg
Tare range	-52 g
Standard repeatability [5% Max]	0.005 mg
Standard minimum weight (USP)	10 mg
Standard minimum weight (U=1%, k=2)	1 mg
Permissible repeatability [5% Max]	0.012 mg
Permissible repeatability [Max]	0.02 mg
Linearity	±0.03 mg
Eccentric load deviation	0.03 mg
Sensitivity time drift	1×10 <sup>-6</sup> /Year×Rt
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	1
Physical parameters	
Leveling system	automatic – 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 W x D x H	750×492×595 mm
Net weight	14.7 kg
Gross weight	20 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max*
Environmental conditions	
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)

Standard repeatability [5% Max] and Standard minimum weight (USP) are parameters obtained in automatic mode under special laboratory conditions.

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.

<sup>\*</sup> The power supply can be connected to the socket on the back of the balance housing or to the terminal.



# **Accessories (Additional Fee)**

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 Barcode scanners Automatic feeders
Label Printers
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]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

#### Device dimensions W x D x H

