

XA 82/220.5Y Analytical Balance WL-110-1001





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

Functions

Q	Autotest		Dosing	%	Percent Weighing	**	Parts counting
MAX	Peak hold		Formulation	/	Newton unit measurement	<u>.al</u>	Statistics
- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
4	Animal weighing	1	Pipettes Calibration	≋	Air density correction	ρ	Density determination
njiinijii	Moveable range		Differential weighing		Ambient conditions monitoring	SQC	Statistical Quality Control
е	Packaged Goods Control		ALIBI Memory		Wi-Fi		

Datasheet

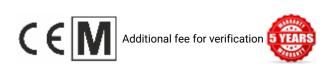
Maximum capacity [Max]	82 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg

Verification unit [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,005 mg
Standard repeatability [Max]	0,06 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]	0,08 mg
Linearity	±0,06 / 0,2 mg
Eccentric load deviation	0,2 mg
Sensitivity time drift	1×10 ⁻⁶ /Year×Rt
Stabilization time	4 s
Adjustment	internal (automatic)
OIML Class	1
Physical parameters	
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,
Weighing chamber dimensions	bottom cover, brush, fabric dust cover, power supply. 168×160×228 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions	750×492×595 mm
Net weight	9,8 kg
Gross weight	16 kg
Construction	ID 40
Protection class	IP 43
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
	_ 002., 002.0, 10.202 (00.110), 10.11, 2.110.110, 11.11, 11.010pc.
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max*
	Datance. 12 137 DO 1,0A IIIdA
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.

^{*} Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



^{*} 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

Power Adapters

RS 232, RS 485 cables

Holders for laboratory flasks

Density determination KIT

Additional modules

Holders for test tubes and filters

Professional Weighing Tables

Protective cover for balances

Barcode scanners

Automatic feeders

Label Printers

Adapters for pipettes calibration

THBR 2.0 System - Ambient Conditions Monitoring

RS 232, RS 485 cables

Protective cover for balances

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 (Additional Fee)

- 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

