



More information on the website
mirror.radwag.com/us/info,w1,DU8

XA 220.5Y Analytical Balance

WL-110-0012



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]	220 g
Minimum load	10 mg
Readability [d]	0,1 mg

Verification unit [e]	1 mg
Tare range	-220 g
Standard repeatability [5% Max]	0,05 mg
Standard repeatability [Max]	0,08 mg
Standard minimum weight (USP)	100 mg
Standard minimum weight (U=1%, k=2)	10 mg
Permissible repeatability [5% Max]	0,07 mg
Permissible repeatability [Max]	0,1 mg
Linearity	±0,2 mg
Eccentric load deviation	0,2 mg
Sensitivity time drift	1×10 ⁻⁶ /Year×Rt
Stabilization time	1,3 s
Adjustment	internal (automatic)
OIML Class	I
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, bottom cover, brush, fabric dust cover, power supply.
Weighing chamber dimensions	168×160×228 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	750×492×595 mm
Net weight	9,8 kg
Gross weight	16,5 kg
Construction	
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; 15V DC 2,4A Balance: 12 – 15V DC 1,6A max*
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	Barcode scanners
RFID Tags	Automatic feeders
Antivibration tables	Label Printers
Power Adapters	THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables	Under-pan weighing
Holders for laboratory flasks	Anti-Draft Chamber for XA 4Y and XA 5Y Balances
Density determination KIT	Weighing dishes
Additional modules	Antistatic ionizer
Holders for test tubes and filters	Receipt Printer
Professional Weighing Tables	Fingerprint Reader
Protective cover for balances	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

