



More information on the website
radwag.com/en/info,w1,ASC

XA 110.5Y.F Analytical Balance



XA 110.5Y.F Analytical Balance

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

Functions



Autotest



Dosing



Percent Weighing



Parts counting



Formulation



Newton unit
measurement



Statistics



Checkweighing



IR sensors



GLP Procedures



Animal weighing



Pipettes Calibration



Air density correction



Differential weighing



Ambient conditions
monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Wi-Fi

Datasheet

	XA 110.5Y.F Analytical Balance
Metrological parameters	
Maximum capacity [Max]	110 g
Minimum load	1 mg
Readability [d]	0,01 mg
Verification unit [e]	1 mg
Tare range	-110 mg
Standard repeatability [5% Max]	0,007 mg
Standard repeatability [Max]	0,02 mg
Standard minimum weight (USP)	14 mg
Standard minimum weight (U=1%, k=2)	1,4 mg
Permissible repeatability [5% Max]	0,01 mg
Permissible repeatability [Max]	0,03 mg
Linearity	±0,06 mg
Eccentric load deviation	0,06 mg
Sensitivity offset	$2 \times 10^{-6} \times Rt$
Sensitivity time drift	$1 \times 10^{-6} / \text{Year} \times Rt$
Stabilization time	5 s (30 s for filters)
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	10" touchscreen
Weighing chamber doors	manual
Delivery components	Analytical Balance, weighing pan, weighing pan for filters, weighing pan shield, centring ring, bottom cover, brush, fabric dust cover, power supply.
Weighing pan dimensions	210x254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option)
Packaging dimensions	865x510x690 mm
Net weight	12,7 kg
Gross weight	25 kg
Construction	
Protection class	IP 43
Communication interface	
Communication interface	USB-A x2, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A Balance: 12 – 15V DC 1,1A max
Environmental conditions	
Operating temperature	+10 ÷ +50 °C

Repeatability is expressed as a standard deviation from 10 weighing cycles. 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.



Extra payment for verification



Accessories

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

USB Hubs

Label Printers

RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring

Protective cover for balances

Under-pan weighing

Anti-Draft Chamber for XA 4Y and XA 5Y Balances

Receipt Printer

Fingerprint Reader

RS 232 – USB Converter

Under-pan weighing

Software

E2R System

Label Editor R02

R-LAB

RADWAG Development Studio

RAD-KEY

RADWAG Remote Desktop

Scales Editor 2.1

Device dimensions

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