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XA 110.5Y.F Analytical Balance

WL-110-0018

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

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
- Under-pan weighing
- GLP Procedures
- Animal weighing
- Air density correction
- Differential weighing
- Ambient conditions monitoring
- Replaceable unit
- Statistical Quality Control
- ALIBI Memory
- Wi-Fi

Datasheet

Metrological parameters	
Maximum capacity [Max]	110 g
Minimum load	1 mg
Readability [d]	0.01 mg
Verification unit [e]	1 mg

Metrological parameters	
Tare range	-110 mg
Minimum weight (USP)	14 mg
Minimum weight (U=1%, k=2)	1.4 mg
Standard repeatability [Max]	0.02 mg
Standard repeatability [5% Max]	0.007 mg
Permissible repeatability [Max]	0.03 mg
Permissible repeatability [5% Max]	0.01 mg
Linearity	±0.06 mg
Eccentric load deviation	0.06 mg
Sensitivity offset	$2\times10^{-6}\times Rt$
Sensitivity time drift	1×10^{-6}/Year×Rt
Stabilization time	5 s (30 s for filters)
Adjustment	internal (automatic)
OIML Class	I
Sensitivity temperature drift	1×10^{-6}/°C×Rt
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	10" graphic colour 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	210×254 mm for filters + ø90 mm open-work pan + ø85 mm standard pan (option)
Packaging dimensions W x D x H	865×510×690 mm
Net weight	12.7 kg
Gross weight	25 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 Max; 15V DC 2.4A Balance: 12 – 15V DC 1.4A max; 9 – 17W*
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.
* Power consumption depends on the terminal configuration as well as the number and type of external devices connected.

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
Label Printers
THBR 2.0 System - Ambient Conditions Monitoring
Under-pan weighing
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