

AS 120.X7 Analytical Balance



More information on the website radwag.com/en/info,w1,A73



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

Functions

8	Autotest		Dosing	- <u>0K</u> +	Plus/Minus Control	%	Percent Weighing
	Parts counting	MAY	Peak hold		Formulation	7.	Newton unit measurement
<u>.al</u>	Statistics	- <u>0K</u> +	Checkweighing	4	IR sensors	\$	Under-pan weighing
GLP	GLP Procedures	٢	Animal weighing	ρ	Density determination		Ambient conditions monitoring
Ð	Replaceable unit	SQC	Statistical Quality Control		ALIBI Memory	₩	Mass for titrator
	Wi-Fi						

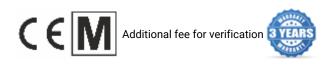
Datasheet

etrological parameters	
Maximum capacity [Max]	120 g
Minimum load	1 mg

Metrological parameters	
Readability [d]	0.01 mg
Verification unit [e]	1 mg
Tare range	-120 g
Standard repeatability [5% Max]	0.01 mg
Standard repeatability [Max]	0.025 mg
Standard minimum weight (USP)	20 mg
Standard minimum weight (U=1%, k=2)	2 mg
Permissible repeatability [5% Max]	0.02 mg
Permissible repeatability [Max]	0.04 mg
Linearity	±0.07 mg
Stabilization time	2 s
Adjustment	internal (automatic)
OIML Class	I
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	7" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, osłona weighing pans, centring ring, bottom cover, power supply, fabric dust cover.
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions	545×455×575 mm
Net weight	7.3 kg
Gross weight	9.3 kg
Construction	
Protection class	IP 43
Components and software	
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×RS2321, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A; 12V DC 1.2A Balance: 12 – 15V DC 0.8A max
Power consumption max.	4 W
Environmental conditions	
Operating temperature	+10 - +40 °C
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Relative humidity	40% - 80%
Repeatability is expressed as a standard deviation from	10 weighing cycles.

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. ¹ Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

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



Accessories (Additional Fee)

Antivibration Tables Power Adapters Cigarette lighter receptacle power supply cables Density determination KIT USB cable (scale - printer) Professional Weighing Tables Barcode scanners Workstation for Pipettes Calibration RS 232, RS 485 cables THBR 2.0 System - Ambient Conditions Monitoring

Software (Additional Fee)

• RAD Key [WX-010-0005]

• R-Lab [WX-010-0080]

RADWAG Development Studio [WX-010-0104]

Device dimensions

Displays Protective cover for balances Weighing dishes Antistatic ionizer Receipt Printer RS 232, RS 485 cables Additional modules Under-pan weighing RS 232 cables (scale - printer) RS 232 – RS 485 Converter

• Alibi Reader [WX-010-0114]

• Scale Editor 2.1 [WX-010-0173]

