



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

AS 120.X7 Analytical Balance

WL-113-0002



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

Functions



Autotest



Dosing



Plus/Minus Control



Percent Weighing



Parts counting



Peak hold



Formulation



Newton unit
measurement



Statistics



Checkweighing



IR sensors



Under-pan weighing



GLP Procedures



Animal weighing



Density determination



Ambient conditions
monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Mass for titrator



Wi-Fi

Datasheet

Metrological 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, weighing pan shield, 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 W x D x H | 545×455×575 mm |
| Net weight | 7.3 kg |
| Gross weight | 9.5 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×RS232 ¹ , 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.

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.



Additional fee for verification



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

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

Software (Additional Fee)

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions W x D x H

