
























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

AS 62.X7 Analytical Balance



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] | 62 g |
| Minimum load | 1 mg |

| Metrological parameters | |
|--|---|
| Readability [d] | 0.01 mg |
| Verification unit [e] | 1 mg |
| Tare range | -62 g |
| Standard repeatability [5% Max] | 0.01 mg |
| Standard repeatability [Max] | 0.017 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] | 0.03 mg |
| Linearity | ±0.05 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 | 545×455×575 mm |
| Net weight | 7.31 kg |
| Gross weight | 9.3 kg |
| Construction | |
| Protection class | IP 43 |
| Components and software | |
| Database capacity | 7 |
| Features of use | |
| Touch-free operation | 2 IR Sensors |
| Communication interface | |
| Communication interface | 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.



Extra payment for verification



Accessories

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
RS 232, RS 485 cables
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software

- 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

