



More information on the website
radwag.com/en/info,w1,960

AS 220.5Y Analytical Balance

WL-104-0523



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

Functions



Autotest



Dosing



Percent Weighing



Parts counting



Peak hold



Formulation



Newton unit
measurement



Statistics



Checkweighing



IR sensors



Under-pan weighing



GLP Procedures



Animal weighing



Pipettes Calibration



Air density correction



Density determination



Differential weighing



Ambient conditions
monitoring



Statistical Quality Control



Packaged Goods Control



ALIBI Memory



Wi-Fi

Datasheet

Metrological parameters

Maximum capacity [Max] 220 g

Minimum load 10 mg

| Metrological parameters | |
|--|---|
| Readability [d] | 0.1 mg |
| Verification unit [e] | 1 mg |
| Tare range | -220 g |
| Standard repeatability [5% Max] | 0.06 mg |
| Standard repeatability [Max] | 0.07 mg |
| Standard minimum weight (USP) | 120 mg |
| Standard minimum weight (U=1%, k=2) | 12 mg |
| Permissible repeatability [5% Max] | 0.09 mg |
| Permissible repeatability [Max] | 0.1 mg |
| Linearity | ±0.2 mg |
| Stabilization time | 2 s |
| Adjustment | internal (automatic) |
| OIML Class | I |
| Physical parameters | |
| Leveling system | semi-automatic – LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Weighing chamber doors | manual |
| Delivery components | Balance, weighing pan, ošlona weighing pans, bottom cover, power supply, fabric dust cover. |
| Weighing chamber dimensions | 190×190×227 mm |
| Weighing pan dimensions | ø100 mm |
| Packaging dimensions | 600×400×550 mm |
| Net weight | 7.06 kg |
| Gross weight | 12 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 | 2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot |
| Electrical parameters | |
| Power supply | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2.4A Balance: 12 – 15V DC 1.6A max; 10–19W* |
| 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 USB interface exclusively.

*Power consumption depends on the terminal configuration and the number and type of external devices connected.



Additional fee for verification



Accessories (Additional Fee)

Antivibration Tables
Holders for laboratory flasks
Power Adapters
RS 232, RS 485 cables
Cigarette lighter receptacle power supply cables
Density determination KIT
Additional modules
Protective cover for balances
USB cable (scale - printer)
Professional Weighing Tables
Protective cover for balances
Barcode scanners

Holders for test tubes and filters
Workstation for Pipettes Calibration
THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Antistatic ionizer
Receipt Printer
Fingerprint Reader
RS 232, RS 485 cables
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- Scale Editor 2.1 [WX-010-0173]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

Device dimensions

