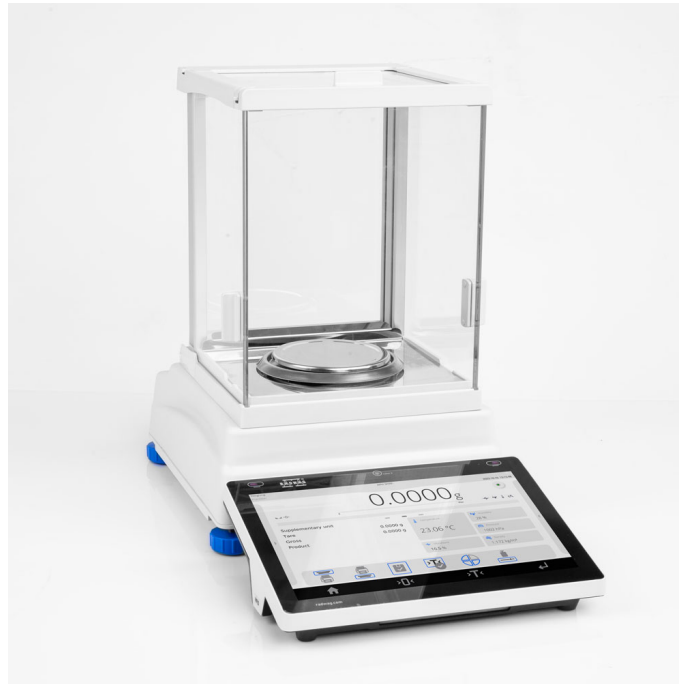




More information on the website
radwag.com/en/info,w1,ZKU

AS 520.5Y Analytical Balance



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] | 520 g |
| Minimum load | - |

| Metrological parameters | |
|--|--|
| Readability [d] | 0.1 mg |
| Verification unit [e] | - |
| Tare range | -520 g |
| Standard repeatability [5% Max] | 0.07 mg |
| Standard repeatability [Max] | 0.2 mg |
| Standard minimum weight (USP) | 140 mg |
| Standard minimum weight (U=1%, k=2) | 14 mg |
| Permissible repeatability [5% Max] | 0.12 mg |
| Permissible repeatability [Max] | 0.4 mg |
| Linearity | ±0.6 mg |
| Stabilization time | 2.5 s |
| Adjustment | internal (automatic) |
| OIML Class | - |
| Physical parameters | |
| Leveling system | semi-automatic – LevelSENSING |
| Display | 10" graphic colour touchscreen |
| Weighing chamber doors | manual |
| Delivery components | Balance, weighing pan, weighing pan shield, bottom cover, power supply. |
| Weighing chamber dimensions | 190×190×227 mm |
| Weighing pan dimensions | ∅100 mm |
| Packaging dimensions | 600×400×550 mm |
| Net weight | 7.3 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 | 2×USB-A, USB-C, 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.



Extra payment for verification



Accessories

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

- 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

