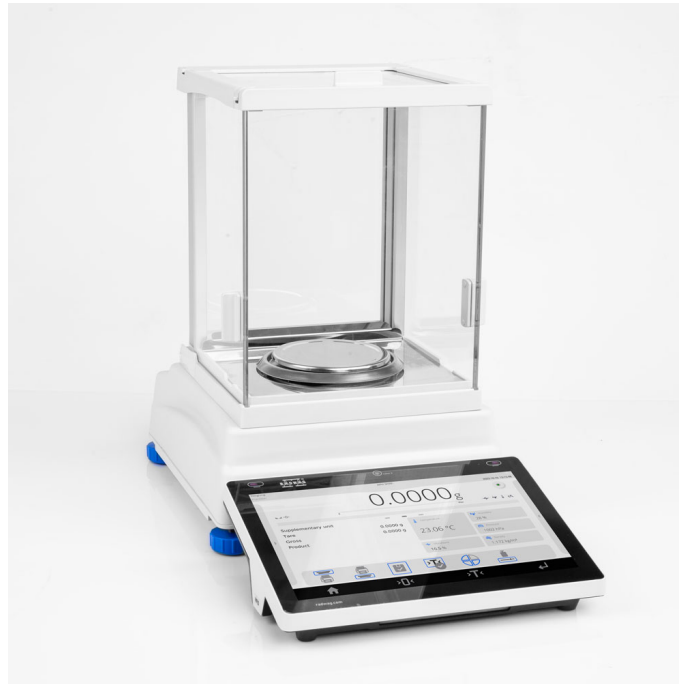




More information on the website  
radwag.com/us/info,w1,960

# AS 220.5Y 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

|                        |        |
|------------------------|--------|
| Maximum capacity [Max] | 220 g  |
| Minimum load           | 10 mg  |
| 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  |
| <b>Physical parameters</b>                    |  |
| 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                       | ø100 mm  |
| Packaging dimensions                          | 600×400×550 mm   |
| Net weight                                    | 7,06 kg  |
| Gross weight                                  | 12 kg  |
| <b>Construction</b>                           |  |
| Protection class                              | IP 43  |
| <b>Database capacity</b>                      |  |
| Database capacity                             | 7  |
| <b>Features of use</b>                        |  |
| Touch-free operation                          | 2 IR Sensors   |
| <b>Communication interface</b>                |  |
| Communication interface                       | 2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot   |
| <b>Power supply</b>                           |  |
| Power supply                                  | Adapter: 100 – 240V AC 50/60Hz 1A; 15V DC 2,4A<br>Balance: 12 – 15V DC 1,6A max; 10–19W* |
| <b>Operating temperature</b>                  |  |
| Operating temperature                         | +10 – +40 °C   |
| <b>Ambient conditions monitoring (option)</b> |  |
| Ambient conditions monitoring (option)        | THBR 2.0 System, THBR BOX, THB P, THB W, THB S   |
| <b>Relative humidity</b>                      |  |
| 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.

<sup>1</sup> 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  
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]
- RADWAG Development Studio [WX-010-0104]

- E2R Weighing Records [WX-010-0038]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

## Device dimensions

