radwag.com

AS 60/220.5Y Analytical Balance

More information on the website
radwag.com/en/info,w1,NC3

AS 60/220.5Y 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
- 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

	AS 60/220.5Y Analytical Balance
Metrological parameters	
Maximum capacity [Max]	60 / 220 g
Minimum load	-
Readability [d]	0,01 / 0,1 mg
Verification unit [e]	-
Tare range	-220 g
Standard repeatability [5% Max]	0,01 mg
Standard repeatability [Max]	0,06 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]	0,1 mg
Linearity	±0,05/0,2 mg
Stabilization time	2 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, centring ring, bottom cover, power supply, fabric dust cover.
Weighing chamber dimensions	190×190×227 mm
Weighing pan dimensions	ø90 open-work pan + ø85 (option) mm
Packaging dimensions	600×400×550 mm
Net weight	7,14 kg
Gross weight	10,5 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 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.

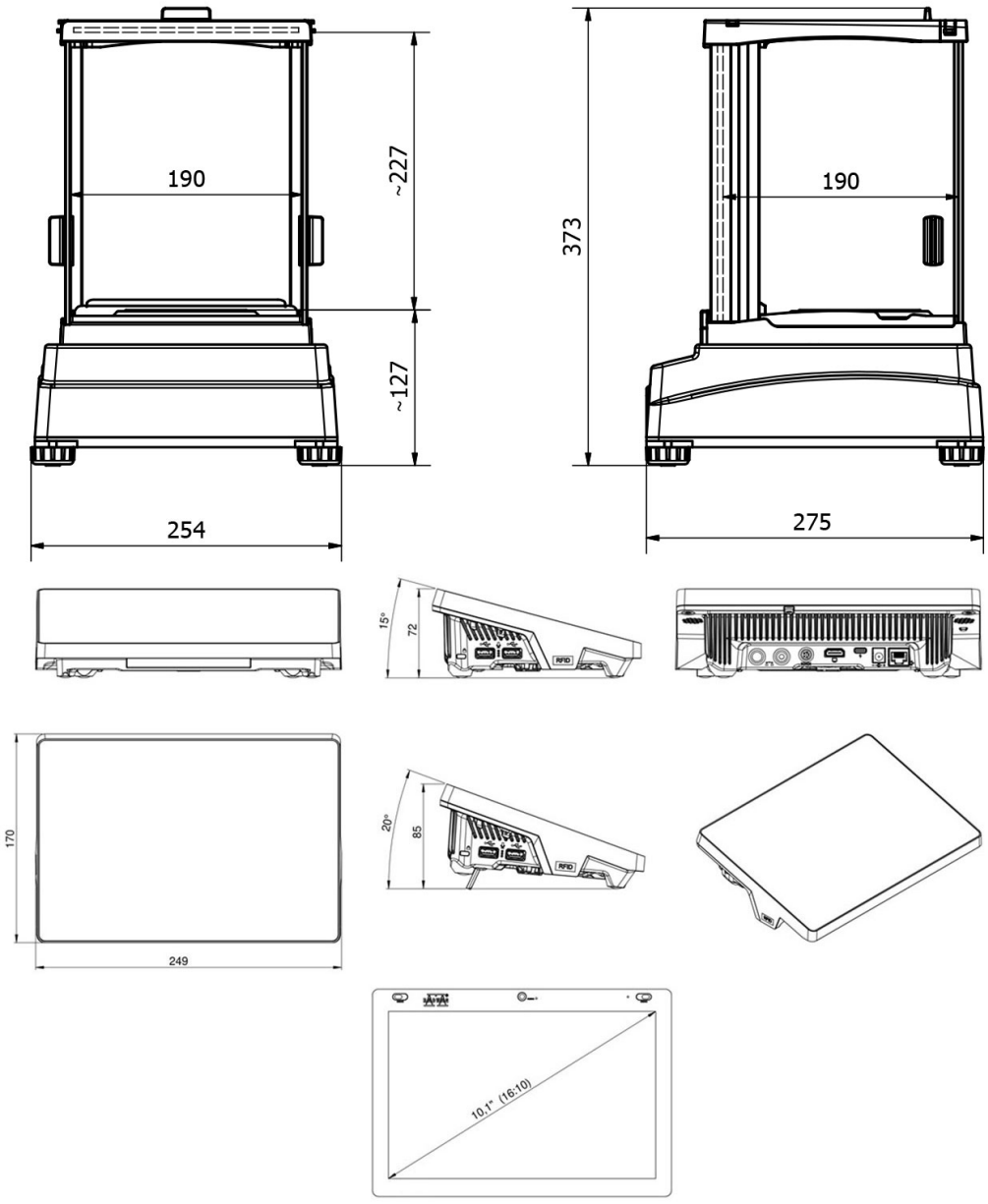
Accessories

Antivibration Tables
Holders for laboratory flasks
Power Adapters
RS 232, RS 485 cables
Cigarette lighter receptacle power supply cables
Density determination KIT
Additional modules
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
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software

E2R System
Label Editor R02
R-LAB
RADWAG Development Studio
RAD-KEY
RADWAG Remote Desktop
Scales Editor 2.1

Device dimensions


190
~227
~127
254
373
190
275
15°
72
RFID
170
249
20°
85
RFID
10,1" (16:10)