



AS 82/220.5Y Analytical Balance

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



AS 82/220.5Y 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 82/220.5Y Analytical Balance
Metrological parameters	
Maximum capacity [Max]	82 / 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" touchscreen
Weighing chamber doors	manual
Delivery components	Waga, 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	545×455×575 mm
Net weight	7,14 kg
Gross weight	10,5 kg
Construction	
Protection class	IP 43
Features of use	
Database capacity	7
Touch-free operation	2 IR Sensors
Electrical parameters	
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Waga: 12 – 15V DC 0,8A max
Power consumption max.	4 W
Environmental conditions	
Operating temperature	+10 ÷ +40 °C
Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S

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 table
Protective cover for balances
Barcode scanners
Holders for test tubes and filters

Workstation for Pipettes Calibration
USB Hubs
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

RAD-KEY
THB-R
RADWAG Remote Desktop
R-LAB
RADWAG Development Studio
R.Barcode

LabVIEW Driver
Label Editor R02
Alibi Reader
Scales Editor 2.1
E2R System

Device dimensions

