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AS 82/220.X7 Analytical Balance





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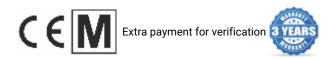
Functions

Q	Autotest		Dosing	%	Percent Weighing	•••	Parts counting
MAX	Peak hold		Formulation	7	Newton unit measurement	<u>l</u>	Statistics
- 0 K+	Checkweighing	4	IR sensors	\$	Under-pan weighing	GLP	GLP Procedures
4	Animal weighing	ρ	Density determination		Ambient conditions monitoring	Ð	Replaceable unit
SQC	Statistical Quality Control		ALIBI Memory	#	Mass for titrator		Wi-Fi

Datasheet

	AS 82/220.X7 Analytical Balance
Metrological parameters	,
Maximum capacity [Max]	82 / 220 g
Minimum load	1 mg
Readability [d]	0,01 / 0,1 mg
Verification unit [e]	1 mg
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	I
Physical parameters	
Leveling system	semi-automatic - LevelSENSING
Display	7" 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	190×190×222 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
Components and software	
Database capacity	7
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	RS2321, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
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.



Accessories

Antivibration Tables
Holders for laboratory flasks
Power Adapters
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners
Holders for test tubes and filters
Workstation for Pipettes Calibration
RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring Displays
Protective cover for balances
Weighing dishes
Antistatic ionizer
Receipt Printer
RS 232, RS 485 cables
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software

RAD-KEY R-LAB RADWAG Development Studio Alibi Reader Scales Editor 2.1

Device dimensions

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