

# AS 82/220.X7 Analytical Balance





The drawings, photos and graphics used are for illustrative purposes only.

#### **Functions**

350		

Autotest

Parts counting

Statistics

**GLP Procedures** 

Replaceable unit

Wi-Fi

Dosing
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Checkweighing



Animal weighing



Statistical Quality Control



Plus/Minus Control



Formulation



IR sensors



Density determination



**ALIBI Memory** 



Percent Weighing



Newton unit measurement



Under-pan weighing



Ambient conditions monitoring



Mass for titrator

#### **Datasheet**

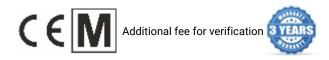
Metrological parameters		
Maximum capacity [Max]	82 / 220 g	
Minimum load	1 mg	

Metrological parameters		
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	
	Balance, weighing pan, weighing pan shield, centring ring, bottom	
Delivery components	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 W x D x H	545×455×575 mm	
Net weight	7.14 kg	
Gross weight	10.5 kg	
Construction		
Protection class	IP 43	
Components and software		
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulatio reports, Ambient Conditions, Weighings, Alibi memory	
Features of use		
Touch-free operation	2 IR Sensors	
Communication interface		
Communication interface	2×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%	

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<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.



## **Accessories (Additional Fee)**

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
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

## **Software (Additional Fee)**

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

### Device dimensions W x D x H

