

# **AS 110.R2 PLUS Analytical Balance**

WL-104-0175





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

#### **Functions**



Autotest

Dosing



Percent Weighing



Totalizing



Parts counting



Peak hold



Newton unit measurement



Statistics



Checkweighing

Density determination



Under-pan weighing



**GLP Procedures** 



Animal weighing

### **Datasheet**

Maximum capacity [Max]	110 g
Minimum load	10 mg
Readability [d]	0,1 mg
Verification unit [e]	1 mg
Tare range	-110 g
Standard repeatability [5% Max]	0,06 mg

Standard repeatability [Max]	0,08 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
Physical parameters	
Leveling system	manual
Display	5,3" LCD (backlit)
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply.
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	490×400×520 mm
Net weight	7,3 kg
Gross weight	9 kg
Construction	
Protection class	IP 43
Communication interface	2×RS232¹, 2×USB-A (interchangeable), USB-B, Wi-Fi (option)
Power supply	Adapter: 100 – 240V AC 50/60Hz 0,6A; 12V DC 1,2A Balance: 12 – 15V DC 0,4A max
Power consumption max.	3 W
Operating temperature	+10 - +40 °C
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.

 $<sup>\</sup>mbox{\ensuremath{^{\star}}}$  Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



## **Accessories (Additional Fee)**

Antivibration tables
Power Adapters
Cigarette lighter receptacle power supply cables
Density determination KIT
USB cable (scale - printer)
Professional Weighing Tables

RS 232, RS 485 cables Displays Protective cover for balances Weighing dishes Antistatic ionizer Receipt Printer

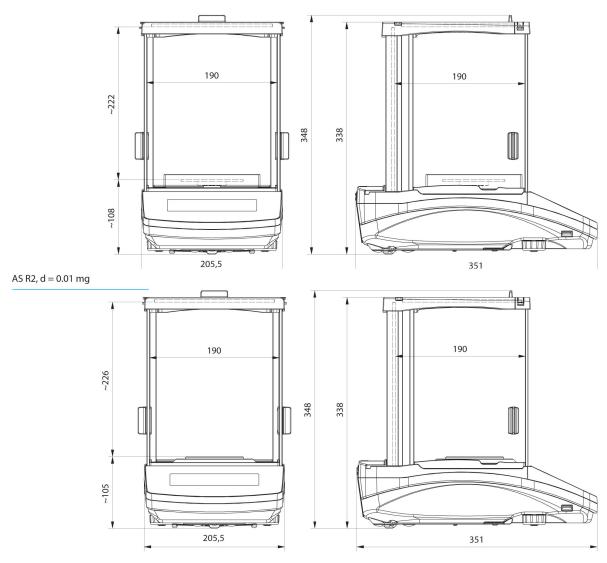
<sup>&</sup>lt;sup>1</sup> Barcode scanners, available as weighing instrument accessory, communicate with the instrument via RS232 interface exclusively.

## **Software (Additional Fee)**

- RAD Key [WX-010-0005]
- Alibi Reader PC Software [WX-010-0114]

- R Panel [WX-010-0187]
- RADWAG Development Studio [WX-010-0104]

### Device dimensions W x D x H



AS R2, AS R1 d = 0.1 mg