

AS 160.X2 PLUS Analytical Balance



More information on the website radwag.com/en/info,w1,264



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

Functions

Q	Autotest	٢	Dosing	- <mark>0K</mark> +	Plus/Minus Control	%	Percent Weighing
	Parts counting	MAX	Peak hold		Formulation	71	Newton unit measurement
<u>l</u>	Statistics	- <u>0K</u> +	Checkweighing	ψ	IR sensors	GLP	GLP Procedures
4	Animal weighing	ρ	Density determination		Ambient conditions monitoring	G	Replaceable unit
SQC	Statistical Quality Control		ALIBI Memory	₩	Mass for titrator		Wi-Fi

Datasheet

Metrological parameters			
Maximum capacity [Max]	160 g		
Minimum load	10 mg		
Readability [d]	0.1 mg		
Verification unit [e]	1 mg		

Metrological parameters	
Tare range	-160 g
Standard repeatability [5% Max]	0.06 mg
Standard repeatability [Max]	0.07 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	1
Physical parameters	
Leveling system	semi-automatic – LevelSENSING
Display	5" graphic color touchscreen
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, weighing pan shield, centring ring, bottom cover, power supply.
Weighing chamber dimensions	190×190×226 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions	490×400×520 mm
Net weight	7.3 kg
Gross weight	9 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	RS232 ¹ , 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

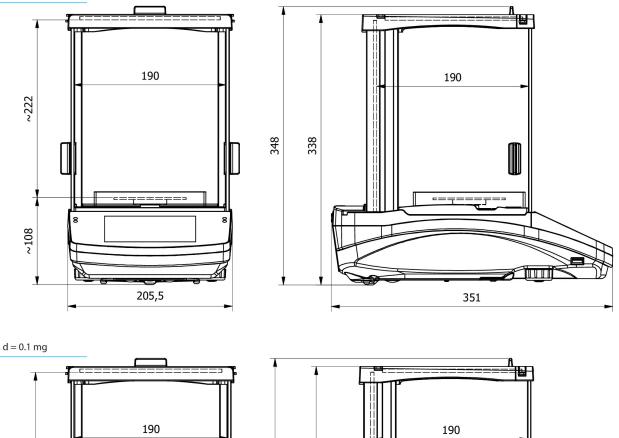
Software

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]

Device dimensions

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

- Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]



348

K

205,5

338



~226

 ~ 105

Y

R



351

NUTU