

AS 3100.X7 Analytical Balance WL-113-0006





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

Functions

Q	Autotest		Dosing	- <u>0K</u> +	Plus/Minus Control	%	Percent Weighing
***	Parts counting	MAX	Peak hold		Formulation	7	Newton unit measurement
<u>l</u>	Statistics	- <mark>0K</mark> +	Checkweighing	#	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	Ш	Drying modes
<u>}}}}</u>	Samples drying	%M	Moisture content analysis	%D	Dry mass determination	Ш	Mass for titrator

Datasheet

Maximum capacity [Max]	3100 g

Minimum load	- mg
Readability [d]	1 mg
Verification unit [e]	-
Tare range	-3,1 kg
Standard repeatability [5% Max]	0,5 mg
Standard repeatability [Max]	0,6 mg
Standard minimum weight (USP)	1 g
Standard minimum weight (U=1%, k=2)	100 mg
Permissible repeatability [5% Max]	0,8 mg
Permissible repeatability [Max]	
	1 mg
Linearity Stabilization time	±4 mg
	2 s
Adjustment	internal (automatic)
OIML Class	-
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.
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø90 mm (open-work pan)
Packaging dimensions W x D x H	490×400×520 mm
Net weight	7,3 kg
Gross weight	9,3 kg
Construction	
Protection class	IP 43
Database capacity	Products, Users, Packaging, Customers, Formulations, reports, Ambient Conditions, Weighings, Alibi memory
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	2×RS232¹, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
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
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 (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
RS 232, RS 485 cables
Additional modules
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- RAD Key [WX-010-0005]
- Scale Editor EWAG 2.1 [WX-010-0173]

- · Alibi Reader PC Software [WX-010-0114]
- RADWAG Development Studio [WX-010-0104]

Device dimensions W x D x H



