



More information on the website
mirror.radwag.com/us/info,w1,XYW

AS 310.X7 Analytical Balance

WL-113-0005



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

Functions



Autotest



Dosing



Plus/Minus Control



Percent Weighing



Parts counting



Peak hold



Formulation



Newton unit
measurement



Statistics



Checkweighing



IR sensors



Under-pan weighing



GLP Procedures



Animal weighing



Density determination



Ambient conditions
monitoring



Replaceable unit



Statistical Quality Control



ALIBI Memory



Mass for titrator



Wi-Fi

Datasheet

Maximum capacity [Max]	310 g
Minimum load	10 mg
Readability [d]	0,1 mg

Verification unit [e]	1 mg
Tare range	-310 g
Standard repeatability [5% Max]	0,07 mg
Standard repeatability [Max]	0,1 mg
Standard minimum weight (USP)	140 mg
Standard minimum weight (U=1%, k=2)	14 mg
Permissible repeatability [5% Max]	0,12 mg
Permissible repeatability [Max]	0,15 mg
Linearity	±0,3 mg
Stabilization time	2,5 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, bottom cover, power supply.
Weighing chamber dimensions	190×190×222 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	490×400×520 mm
Net weight	7,32 kg
Gross weight	10 kg
Construction	
Protection class	IP 43
Database capacity	Products, Users, Packaging, Customers, Formulations, Formulations reports, Ambient Conditions, Weighings, Alibi memory
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	RS232, 2×USB-A (interchangeable), USB-B, Wi-Fi, Ethernet
Power supply	Adapter: 100 – 240V AC 50/60Hz 0.6A Max; 12V DC 1,2A Balance: 12 – 15V DC 0,9A max; 4 – 8W*
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.

* 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]
- 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

