



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

AS 310.5Y Analytical Balance

WL-104-0524



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

Functions

-  Autotest
-  Dosing
-  Percent Weighing
-  Parts counting
-  Peak hold
-  Formulation
-  Newton unit measurement
-  Statistics
-  Checkweighing
-  IR sensors
-  Under-pan weighing
-  GLP Procedures
-  Animal weighing
-  Pipettes Calibration
-  Air density correction
-  Density determination
-  Differential weighing
-  Ambient conditions monitoring
-  Statistical Quality Control
-  Packaged Goods Control
-  ALIBI Memory
-  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	10" graphic colour touchscreen
Weighing chamber doors	manual
Delivery components	Balance, weighing pan, weighing pan shield, bottom cover, power supply, fabric dust cover.
Weighing chamber dimensions	190×190×227 mm
Weighing pan dimensions	ø100 mm
Packaging dimensions W x D x H	600×400×550 mm
Net weight	7,3 kg
Gross weight	12 kg
Construction	
Protection class	IP 43
Database capacity	
Database capacity	7
Features of use	
Touch-free operation	2 IR Sensors
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Power supply	
Power supply	Adapter: 100 – 240V AC 50/60Hz 1A Max; 15V DC 2,4A Balance: 12 – 15V DC 1,4A max; 9 – 17W*
Operating temperature	
Operating temperature	+10 – +40 °C
Ambient conditions monitoring (option)	
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Relative humidity	
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.



Additional fee for verification



Accessories (Additional Fee)

Antivibration tables
Holders for laboratory flasks
Power Adapters
RS 232, RS 485 cables
Cigarette lighter receptacle power supply cables
Density determination KIT
Additional modules
Protective cover for balances
USB cable (scale - printer)
Professional Weighing Tables
Barcode scanners

Holders for test tubes and filters
Workstation for pipettes calibration
THBR 2.0 System - Ambient Conditions Monitoring
Weighing dishes
Antistatic ionizer
Receipt Printer
Fingerprint Reader
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 – RS 485 Converter

Software (Additional Fee)

- E2R Weighing [WX-010-0099]
- Label Editor R02 [WX-010-0094]
- Scale Editor - EWAG 2.1 [WX-010-0173]

- RAD Key [WX-010-0005]
- RADWAG Remote Desktop [WX-010-0107]
- RADWAG Development Studio [WX-010-0104]

Device dimensions W x D x H

