PS 5000.5Y Precision Balance

WL-220-0426

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]	5000 g
Minimum load	-
Readability [d]	1 mg

Verification unit [e]	-
Tare range	-5000 g
Standard repeatability [5% Max]	0,8 mg
Standard repeatability [Max]	1,5 mg
Standard minimum weight (USP)	1,6 g
Standard minimum weight (U=1%, k=2)	0,16 g
Linearity	- mg
Stabilization time	5 s
Adjustment	internal (automatic)
OIML Class	-
Sensitivity temperature drift	$2\times10^{-6}/°C\times Rt$

Physical parameters	
Leveling system	semi-automatic − LevelSENSING
Display	10" graphic colour touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply
Weighing pan dimensions	ø100 mm
Device dimensions W x D x H	196x422x367 mm
Packaging dimensions W x D x H	- mm
Net weight	17 kg
Gross weight	- kg

Construction	
Protection class	IP 43
Database capacity	7

Features of use	
Touch-free operation	2 IR Sensors
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
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	+10 − +40 °C
Ambient conditions monitoring (option)	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
Storage temperature	-20 − +50 °C
Relative humidity	40% − 80%

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.

CE 2 YEARS

Accessories (Additional Fee)

Antivibration tables
Power Adapters
Cigarette lighter receptacle power supply cables
Additional modules
USB cable (scale - printer)
Professional Weighing Tables
Protective cover for balances
Barcode scanners

RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Density determination KIT
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

176

Ø100

367

360

201

194

160

196

367

422

249

170