

PS 3000.X2 Precision Balance





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

Functions

Q	Autotest		Dosing	- <u>OK</u> +	Plus/Minus Control	%	Percent Weighing
***	Parts counting	MAX	Peak hold		Formulation	/	Newton unit measurement
<u>ad</u>	Statistics	- <u>0K</u> +	Checkweighing	4	IR sensors	8	Under-pan weighing
GLP	GLP Procedures	4	Animal weighing	ρ	Density determination		Ambient conditions monitoring
G	Replaceable unit	SQC	Statistical Quality Control		ALIBI Memory	Ш	Mass for titrator

Datasheet

Wi-Fi

Metrological parameters		
Maximum capacity [Max]	3000 g	
Minimum load	-	

Metrological parameters	
Readability [d]	1 mg
Verification unit [e]	-
Tare range	-3000 g
Standard repeatability [5% Max]	0.6 mg
Standard repeatability [Max]	1.5 mg
Standard minimum weight (USP)	1.2 g
Standard minimum weight (U=1%, k=2)	0.12 g
Linearity	±6 mg
Stabilization time	3 s
Adjustment	internal (automatic)
OIML Class	-
Sensitivity temperature drift	2×10 ⁻⁶ /°C×Rt
Physical parameters	
Leveling system	manual
Display	5" graphic color touchscreen
Delivery components	Balance, weighing pan, weighing pan shield, grounding bumper ×1, bumper ×3, power supply.
Weighing pan dimensions	128×128 mm
Packaging dimensions	475×380×345 mm
Net weight	4.33 kg
Gross weight	5.5 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	2×RS232¹, USB-A, USB-B, Ethernet, Wi-Fi
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	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.

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



Accessories

Balance Storage Case
Antivibration Tables
Power Adapters
Cigarette lighter receptacle power supply cables
USB cable (scale - printer)
Barcode scanners
Anti-Draft Chamber for Balances with a 128×128 mm Weighing Pan
RS 232, RS 485 cables
THBR 2.0 System - Ambient Conditions Monitoring
Displays

Draft Shield
Receipt Printer
Protective cover for balances
RS 232, RS 485 cables
Additional modules
Protective cover for balances
Under-pan weighing
RS 232 cables (scale - printer)
RS 232 - RS 485 Converter

Software

- RAD Key [WX-010-0005]
- R-Lab [WX-010-0080]
- RADWAG Development Studio [WX-010-0104]
- · Alibi Reader [WX-010-0114]
- Scale Editor 2.1 [WX-010-0173]

Device dimensions



