

ESR



## Precision Balances



## Two faces of the 5Y terminal

Depending on your preference, you can set a light or dark theme on the 5Y balance.

## Digital Weighing Auditor

Want to make sure your balance is ready to go? DWA makes sure it is.



## Ambient Light

An innovative way for the user to communicate with the balance.

## Widgets

Always at hand, prepared to display what you need most at any given moment.



Weighing



Checkweighing



Percent weighing



Animal weighing



Statistics



Differential weighing



Peak hold



## Hotspot

Lack of fume cupboard space or access to a weighing terminal? Or do you want to operate the balance remotely?



Working mode	Weighing
Date	21.01.2025
Time	14:11:28
Balance type	PS 210.5Y
Balance ID	2035
Product	Pills 01

User	Operator 1
Net	176.034 g
Tare	25.230 g
Gross	201.334 g

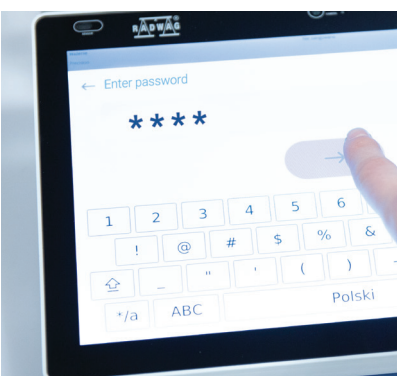
Adjustment	Internal
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Signature	
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## Safety first

Proven login methods: password, fingerprint, face scan, RFID tag.



Parts  
counting



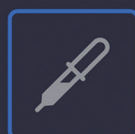
Dosing



Density



Formulations



Pipette  
calibration



Mass  
control



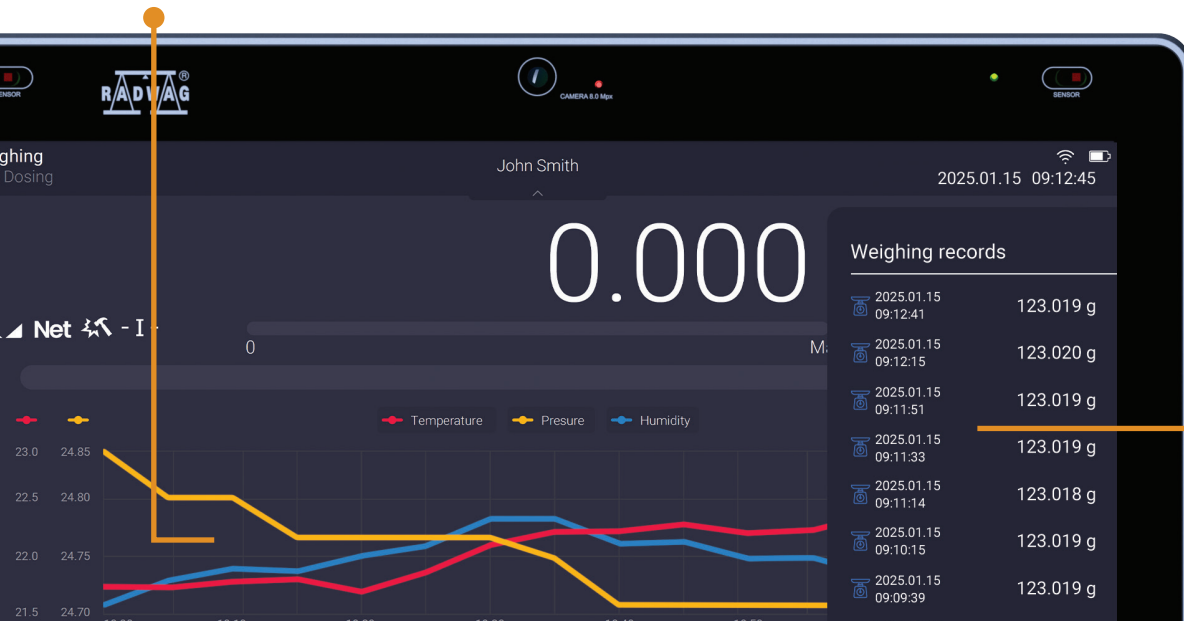
SQC

## Graphical presentation of results

Graphs of measurement series, environmental conditions, SQC with thresholds and Gaussian distribution.

## Last measurement values

Handy history of the last twenty measurements on the main screen in the side panel.



## Documentation required

Along with the PS 5Y, you can obtain a declaration of conformity, a calibration certificate, IQ, OQ and PQ qualification documents, 21 CFR Part 11 qualifications, USP compliance qualification and compliance with the latest version of the Pharmacopoeia.

## 21 CFR Part 11

Do you work in the pharmaceutical industry? Do you require a digital signature? We offer a laboratory balance that, as a stand-alone device, meets the requirements of 21 CFR Part 11/ EU GMP Annex 11.



Metrological parameters	Maximum capacity[Max]	200 – 10100 g
	Readability[d]	1 – 10 mg
	Standard repeatability[5% Max]	0.5 – 5 mg
	Standard repeatability[Max]	1 – 12 mg
	Standard minimum weight USP	1 – 10 g
	Standard minimum weight (U=1%, k=2)	0.1 – 1 g
	Linearity	±2 – ±20 mg
	Stabilization time	1.5 – 2 s
	Adjustment	Internal(automatic)
Physical parameters	Leveling system	Semi-automatic – LevelSENSING
	Display	10" touchscreen
	Weighing chamber doors	Manual
	Weighing pan dimensions	128×128 mm, 195×195 mm
Construction	Protection class	IP 43
Features of use	Databases	7
	Touch-free operation	2 IR Sensors
Communication	Communication interfaces	USB-A ×2, USB-C, HDMI, Ethernet, Wi-Fi®, Hotspot
Environmental conditions	Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
	Relative humidity	40% – 80%