

# AS ES Y



Analytical 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



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	15.01.2024
Time	12:15:28
Balance type	AS 120.5Y
Balance ID	2035
Product	Pill 02

User	Operator 1
Net	2.80241 g
Tare	0.00000 g
Gross	2.80241 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



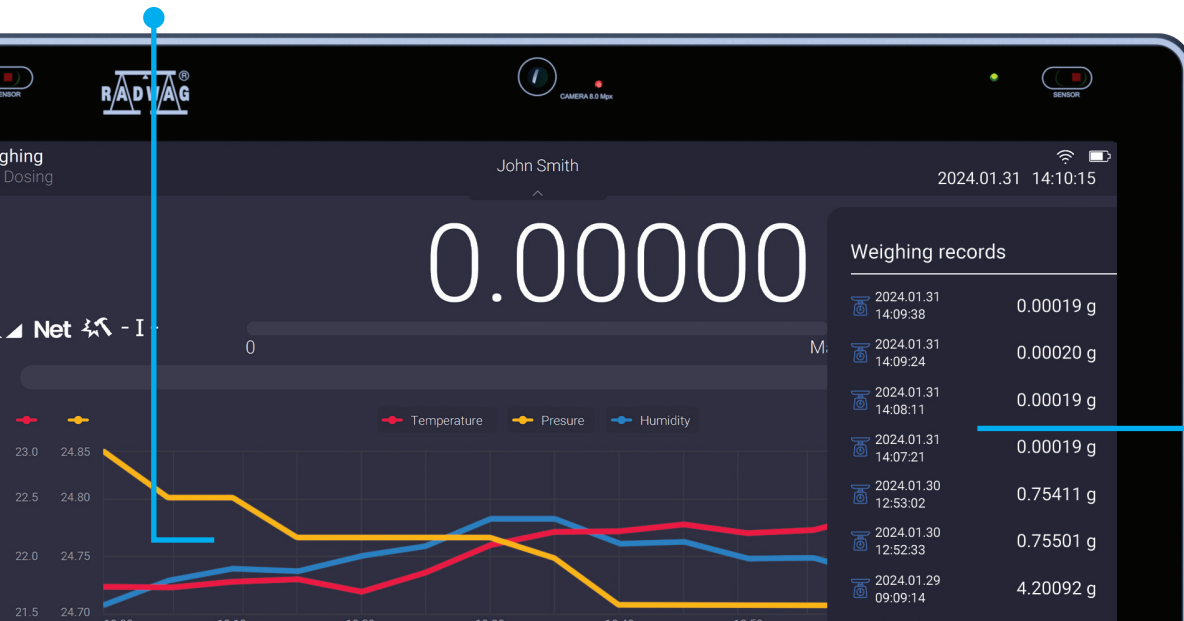
SQC

## Graphical presentation of results

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

## Last measurement values

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



# AS 5Y

## Documentation required

Along with the AS 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.



<b>Metrological parameters</b>	Maximum capacity [Max]	60 – 3100 g
	Readability [d]	0.01 – 1 mg
	Standard repeatability [5% Max]	0.01 – 0.5 mg
	Standard repeatability [Max]	0.017 – 0.6 mg
	Standard minimum weight USP	20 – 1000 mg
	Standard minimum weight (U=1%, k=2)	2 – 100 mg
	Linearity	±0.05 – 4 mg
	Stabilization time	2 – 3 s
Adjustment	Automatic	
<b>Physical parameters</b>	Leveling system	Semi-automatic – LevelSENSING
	Display	10" touchscreen
	Weighing chamber doors	Manual
	Weighing chamber dimensions	190×190×227 mm
	Weighing pan dimensions	ø95 mm, ø100 mm, option ø85 mm
<b>Construction</b>	Protection class	IP 43
<b>Features of use</b>	Databases	7
	Touch-free operation	2 IR Sensors
<b>Communication</b>	Communication interfaces	USB-A×2, USB-C, HDMI, Ethernet, Wi-Fi®, Hotspot
<b>Environmental conditions</b>	Ambient conditions monitoring	THBR 2.0 System, THBR BOX, THB P, THB W, THB S
	Relative humidity	40% – 80%