AS 5Y

Analytical Balances

RADWAG®

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.

Checkweighing
Fast

2023.10.31 09:07:54

0.00000 g

DWA ⦿

›0‹

Max

Supplementary unit
MIN threshold   0.00000 g
MAX threshold   0.00000 g
Difference   0.00000 g

🌡 Temperature   💧 Humidity
                       36 %
24.78 °C
                       🔘 Pressure
                       977 hPa

⌇ Vibrations   ⚖ Density
21.8 %   1.132 kg/m³

radwag.com

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?

Weighing — Precision — John Smith — 2023.10.21 15:14:05

0.00000 g

Supplementary unit	
Tare	0.00000 g
Gross	0.00000 g
Product	

Temperature 23.06 °C
Humidity 28 %
Pressure 1002 hPa
Vibrations 16.5 %
Density 1.172 kg/m³

```
Working mode      Weighing
Date            15.01.2024
Time              12:15:28
Balance type    AS 120.5Y
Balance ID            2035
Product            Pill 02
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User            Operator 1
Net              2.80241 g
Tare             0.00000 g
Gross            2.80241 g
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Adjustment        Internal
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Signature
```
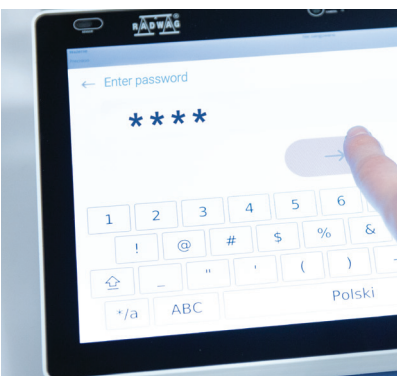
Safety first

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

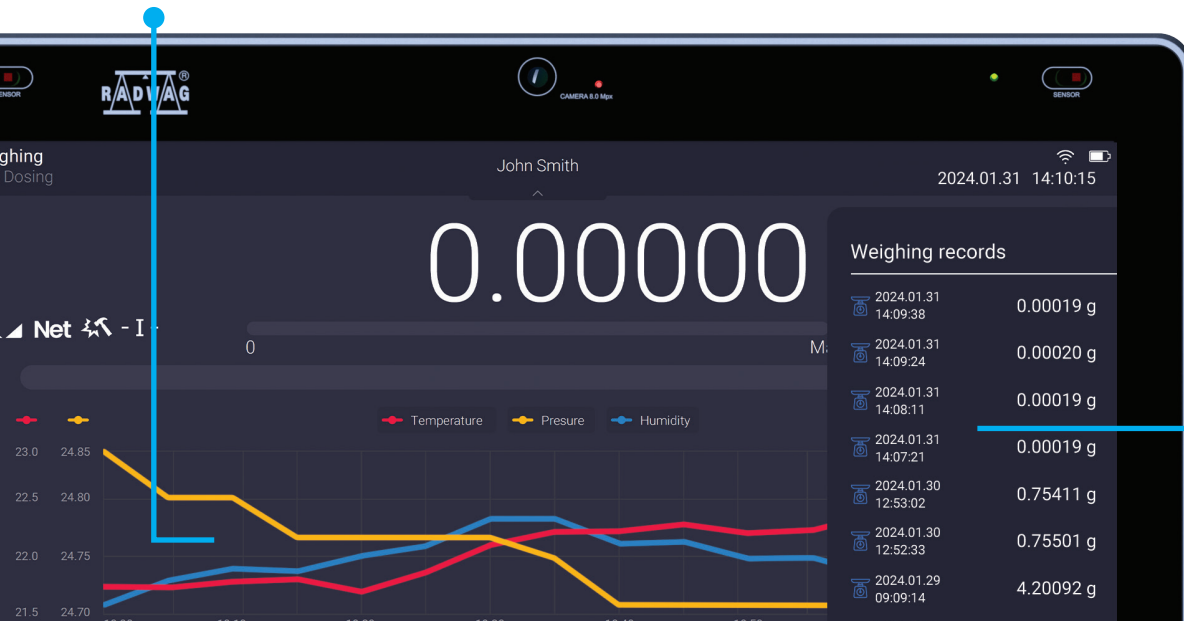**Parts counting** · **Dosing** · **Density** · **Formulations** · **Pipette calibration** · **Mass control** · **SQC**

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.

Weighing records

2024.01.31 14:09:38	0.00019 g
2024.01.31 14:09:24	0.00020 g
2024.01.31 14:08:11	0.00019 g
2024.01.31 14:07:21	0.00019 g
2024.01.30 12:53:02	0.75411 g
2024.01.30 12:52:33	0.75501 g
2024.01.29 09:09:14	4.20092 g

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.

Metrological parameters	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
Physical parameters	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
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%