AP-12.5Y

Device for Multichannel Pipette Calibration



- **Faster calibration** through process automation and lower operating costs.
- **Designed for** accredited calibration laboratories, calibration centres and pipette manufacturers.



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Ergonomic mechanical design

The AP-12.5Y allows you to empty weighing vessels, and Ambient Light alerts you when they are overfilled.

Semi-automatic levelling system

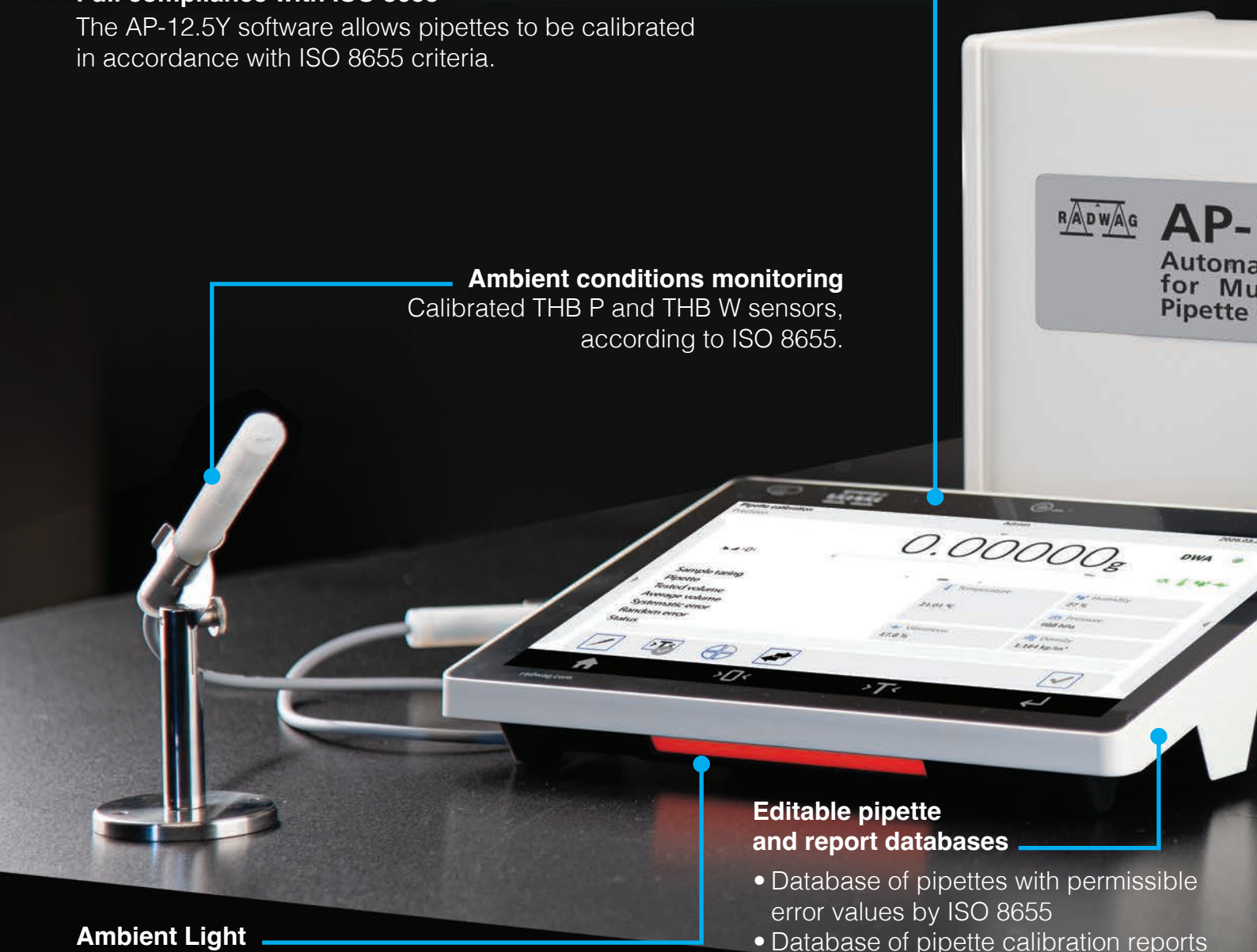
The AP-12.5Y prompts the user in which direction to level the balance. This shortens the entire process.

Full compliance with ISO 8655

The AP-12.5Y software allows pipettes to be calibrated in accordance with ISO 8655 criteria.

Ambient conditions monitoring

Calibrated THB P and THB W sensors, according to ISO 8655.

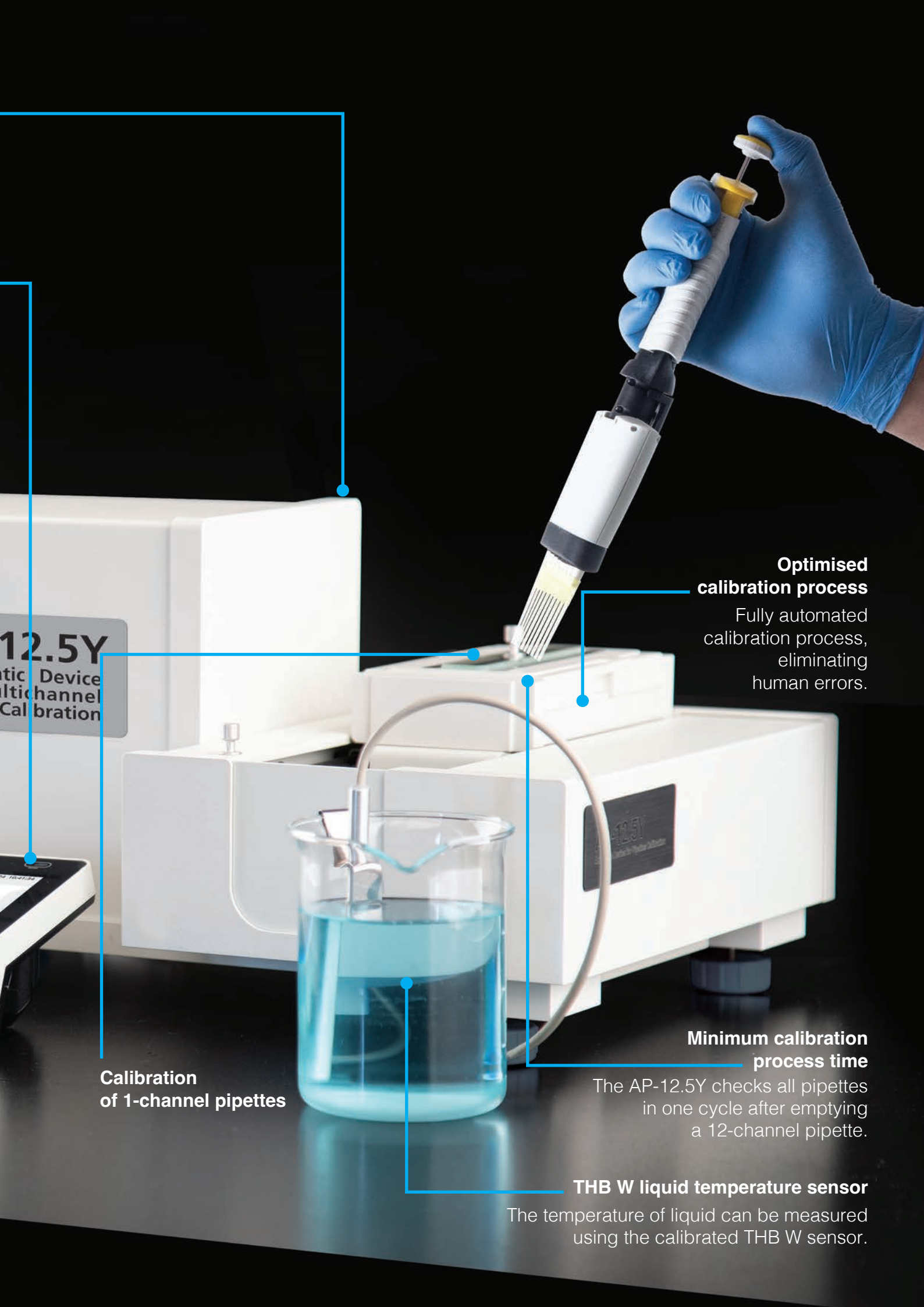


Editable pipette and report databases

- Database of pipettes with permissible error values by ISO 8655
- Database of pipette calibration reports with measurements and calculated error values for particular points and volumes

Ambient Light

One look and everything's clear. Ambient Light alerts signal the need to empty the weighing vessels.



Optimised calibration process

Fully automated calibration process, eliminating human errors.

Calibration of 1-channel pipettes

Minimum calibration process time

The AP-12.5Y checks all pipettes in one cycle after emptying a 12-channel pipette.

THB W liquid temperature sensor

The temperature of liquid can be measured using the calibrated THB W sensor.

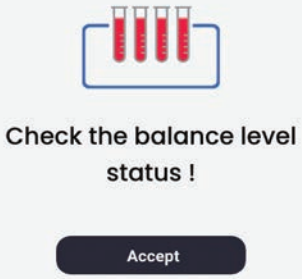
Calibration weighing pan

As standard equipment, a weighing pan for checking and calibrating the balance is included.



Alerts

The AP-12.5Y alerts the user when the balance needs to be levelled or the evaporation ring needs to be filled, as well as when abnormal ambient conditions occur.



Four times faster

The pump draws water from four measuring vessels at the same time.



Steam curtain case

The device can calibrate up to 12-channel fixed-volume and variable-volume pipettes.



21 CFR Part 11 Audit Trail

Compliance with 21 CFR Part 11 means full data security, electronic records and signatures, audit trails, and validations.



Single and multichannel pipette calibration

- Calibration of multichannel pipettes from 10 µl and 1-channel pipettes
- Calibration of up to 12-channel fixed-volume and variable-volume pipettes
- Automated calibration
- [d] 1 µg



	AP-12.1.5Y	AP-12.5Y
Maximum capacity [Max]	18 g	52 g
Readability [d]	1 µg	0.01 mg
Repeatability (5% Max)	2.8 µg	5 µg
Minimum weight (USP)	2 mg	10 mg
Linearity	±0.01 mg	±0.03 mg
Stabilization time	max 10 s	4 s
Adjustment	Internal (automatic)	Internal (automatic)
Maximum volume	4.5 ml	12 ml
Typical measurement time for a 12-channel pipette with constant volume, according to ISO 8655 (for d=10 µg)*	under 20 minutes	under 20 minutes
Typical measurement time for a 12-channel pipette with variable volume, according to ISO 8655 (for d=10µg)*	under 60 minutes	under 60 minutes
Communication interfaces	USB-A × 2, USB-C, HDMI, Ethernet, Hotspot, Wi-Fi®	USB-A × 2, USB-C, HDMI, Ethernet, Hotspot, Wi-Fi®

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