

Micropipette Calibration

Highly Accurate and up to 3x Faster



Fast and Ergonomic

As soon as a pipette passes through the integrated light barrier, the evaporation trap opens automatically. Technicians can concentrate on the calibration process without worrying about operating the balance. Suitable for both left and right handed users.



Continuous Calibration

The large container volume of the integrated evaporation trap is capable of collecting 10 ml of liquid. This means e.g. that 10 μ l can be pipetted 1000 times before emptying the container. Your profit: faster calibration without interruption.



Smallest Volumes

With a readability of 1 μ g, the XPE26PC fulfils the calibration requirements of ISO8655 for micropipettes with volume \geq 1 μ l. The outstanding weighing performance ensures accurate results even for the smallest pipette volumes.



Secure Results

The built-in StatusLight™ uses color to indicate intuitively the status of the balance. The green light indicates clearly that the balance is ready for you to begin your next calibration, so you can be sure your results will be valid.



The XPE26PC

Calibrating Pipettes down to 1 μ l

The XPE26PC is a sophisticated, high-speed solution for the calibration of your single channel pipettes. With capacity 22 g, readability 1 μ g and repeatability 1.5 μ g, it fulfils ISO8655 requirements for micropipettes down to a volume of 1 μ l. The extra-large evaporation trap avoids errors caused by evaporation of the test liquid during weighing. The operating efficiency is guaranteed by the light barrier which allows hands-free opening of the lid. System speed and throughput is further increased by the presence of a large 10 ml waste container allowing for continuous pipetting without interruptions.

Pipette calibration using the XPE26PC is more accurate and up to 3 times faster than a conventional balance.

The XPE26PC

High-speed Calibration of Micropipettes

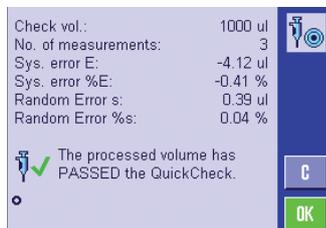
Key features

- 80ml large evaporation trap ensures stable humid conditions
- Motorized lid minimizes sample evaporation
- Removable light barrier for right or left hand use
- Easily dismantled evaporation trap, with a 10 ml container
- Single-channel pump for fast emptying of waste container
- Supplied calibration kit includes tweezers and a special weighing pan for 1 g and 20 g weights
- LevelControl warns you when the balance is not level
- BalanceCheck prompts automatically for validation with external weights
- proFACT fully automatic time- and/or temperature controlled internal adjustment and linearization
- Built-in RS232 plus slot for second interface
- Terminal can be placed away from the balance
- Protective cover for the terminal and production certificate included

Calibration software

Calibry, the optional pipette calibration software is optimized for METTLER TOLEDO instruments (MCP and XPE26PC). It almost completely automates the handling of the XPE26PC and therefore enables easy, fast and extremely cost efficient monitoring of single- and multi-channel pipettes according to ISO8655, manufacturer tolerances or customer SOPs.

The software guides you step by step through the calibration process and shows immediately whether the measured values are within the tolerances. Seamless documentation is guaranteed and ultimately a qualified report is printed.



Stability increases speed

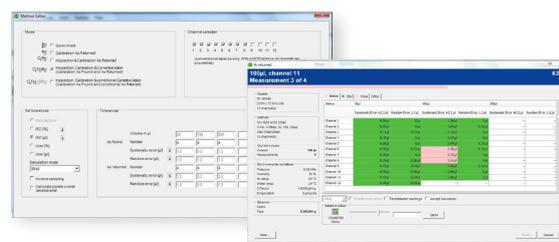
Your XPE26PC sits on the inner frame of this dual framed weighing table and is hence protected from vibrations, substantially speeding up measurement times. With this complete solution, pipette calibration is faster than ever.

Built-in training module

If you want to improve your own skills or train a new user, simply use the built in training module. Users are guided through the pipette checking process and individual performance can be tracked.

Easy leveling

The new LevelGuide™ provides you with a warning when the XPE26PC is not level. Full instructions and a graphical leveling bubble are shown on the touchscreen so you can level your balance in seconds.



Item	Order Number
XPE26PC	30105901
Weighing table for XPE26PC	11138041

Specifications	XPE26PC
Maximum capacity	22 g
Readability	0.001 mg
Measurement standard uncertainty	0.0015 mg
Pipette calibration range (in acc. with ISO8655)	1 - 1000 µl
Container volume	10 ml
Evaporation trap	80ml, built-in
Typical settling time	3.5 s
Dimensions (l x w x h)	487 x 263 x 296 mm
Weight	11 kg

Accessories	Order Number
Calibry Software Light	11138423
Calibry Software	11138419
Calibry Software Network	11138420
Calibry Demo version	30007307
Calibry Validation Handbook	11780959
CarePac test weights 20g / 1g	11123006
Second light barrier	11140029
ErgoSens external sensor for touch-free operation	11132601
Foot-operated switch for balance functions	11106741
RS232 (interface)	11132500
Ethernet (interface)	11132515
PS2 keyboard connection (interface)	11132520
USB-RS232 converter cable	30091827
Terminal extension cable 4.5 m	30110908



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