

Farmahem Environmental Laboratory

Farmahem Environmental Laboratory is an accredited testing and calibration laboratory according to the standard MKC EN ISO 17025. The scope of accreditation has been expanded with the calibration method for piston pipettes according to ISO 8655.



Pipette calibration is an important part of any laboratory routine and ensures that your pipettes are working properly and meeting expectations. Calibration is of utmost importance when working with standard methods, or in general in any testing where accuracy and precision have a direct impact on the quality of the test.

Who needs calibration?

Accredited laboratories

Biochemical laboratories

Laboratories of healthcare institutions

Laboratories of the pharmaceutical industry

Other industrial laboratories

How often should piston pipettes be calibrated?

ISO 8655 recommends that calibration should be performed every 3 months to once a year, but it also depends on several factors:

- the required precision;
- the frequency of use;
- the number of operators working with the pipette;
- the liquid being pipetted.

Calibration can also be performed outside these limits when there is reason or suspicion for improper operation of the piston pipette.

**Calibration range:
1–10 000 μ L**

The laboratory has the most up-to-date equipment and software for the calibration of piston pipettes.

Calibration is performed with a **Mettler Toledo XP26PC** microbalance, with a capacity of 22 g and a resolution of 1 μ L, which fully meets the requirements set out in the MKC EN ISO 8655-6 standard for calibration of micropipettes up to 1 μ L, and the calibration data is processed with the most sophisticated **Mettler Toledo - Calibry** software.



We calibrate all types of piston pipettes from all manufacturers



pipettes with fixed/ variable volume



single/multichannel pipettes



analog/ digital pipettes



Calibration Equipment

METTLER TOLEDO



The measurements are performed by trained engineers, under strictly controlled conditions prescribed in the standard method. The estimation of the measurement uncertainty and the calibration results are shown in a Certificate with traceability to the national standard which is in accordance with MKC EN ISO/IEC 17025.

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