

## Improving the reliability of quantitative LC/MS (64)

### TESTA Analytical Solutions e.K .

announces the **AB-40004 microflowmeter ( $\mu$ Flowmeter)** – a **non-invasive** device designed for continuous, high-precision measurement of low-volume liquid flows.



### Optimized for operation

in the flow range from 0.001 to 80  $\mu$ L/minute, with an unmatched resolution of 1 nL/minute, the  $\mu$ Flowmeter is the perfect tool for accurately measuring low flow rates and ensuring the reliability of quantitative HPLC/mass spectrometry (LC/MS) measurements.

### Due to its compact size

and convenient power supply via a USB port, the  $\mu$ Flowmeter is fully compatible with all organic and aqueous chromatography solvents. The low-cost device has an easy-to-use PC-based app that allows continuous recording and storage of measured flow rates. The current flow rate is also displayed on the  $\mu$ Flowmeter's built-in high-resolution OLED display, allowing easy control of the current flow value. The software app also reports average and minimum/maximum values of the measured flow. All flow data is automatically stored in files that can later be processed with almost any commercial data analysis package.

### The $\mu$ Flowmeter

uses a thermal flow sensor that is highly accurate, sensitive, high-resolution, and non-invasive. Because the sensor does not interfere with measurement, it can operate over a wide dynamic range and has proven to be a perfect real-time flow monitoring tool for a growing range of liquid chromatography applications.

### For more information

about the AB-40004 micro flow meter ( $\mu$ flowmeter), please visit <https://www.custom-chromatography.com/technologies.html> or contact Testa Analytical Solutions at +49-30-864-24076 / [info@testa-analytical.com](mailto:info@testa-analytical.com).



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**TESTA Analytical Solutions**

is a leading specialist supplier of instruments and detectors for liquid chromatography. Based on over 30 years of experience, TESTA Analytical Solutions has established itself as a respected developer and supplier of high-quality, innovative high-performance chromatography instrument sets and detectors for OEM customers around the world.

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