

Pikal M

The Mobile Gas Calibrator
for Highest Precision

From ppb to ppm:

Precise Gas Calibration for Research and
Industry

[Request a demo](#)



Wide Range of Substances

Reliably evaporates VOCs, acids, oils, fuels, and more.

Flexible & Fast

1 ppb to 1000 ppm, short response times,
automated concentration changes

High Evaporation Temperatures

Up to 420 °C – ideal even for high-boiling
compounds

Mobile & Robust

Compact trolley housing, only 27 kg, IP66
protected when closed



Droplet evaporation **piezo valve** for optimum dosing accuracy
(~2.2% deviation 95% CI)



PiKal M

The Mobile Gas Calibrator for high-boiling substances



Mobile Calibration Solution for Research and Industry

Precise gas calibration is indispensable in laboratories and testing institutes to reliably verify sensors and measuring devices. PiKal M delivers reproducible ppb–ppm concentrations for a wide range of substances – from VOCs and acids to oils and fuels – in the shortest possible time.

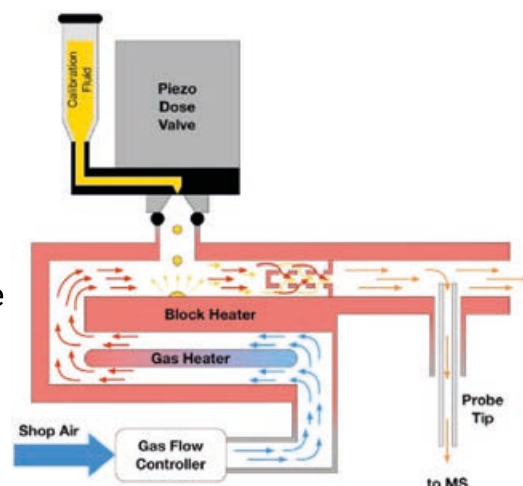


Method

Droplet Evaporation for Maximum Accuracy:

At the heart of PiKal M is a piezo valve that injects nanoliter droplets of a predefined liquid mixture into a heated carrier gas.

This droplet evaporation ensures homogeneous mixing and precise target concentrations.



Fields of application

1. Sensor & Analyzer Calibration: Precise reference values in the ppb–ppm range
2. Research & Development: Quickly adjustable concentrations for experiments
3. Quality Assurance: Time-saving test processes in automotive, aerospace, and more

Contact & Further Information

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