



KEM Calibration Service

for Flow Meters

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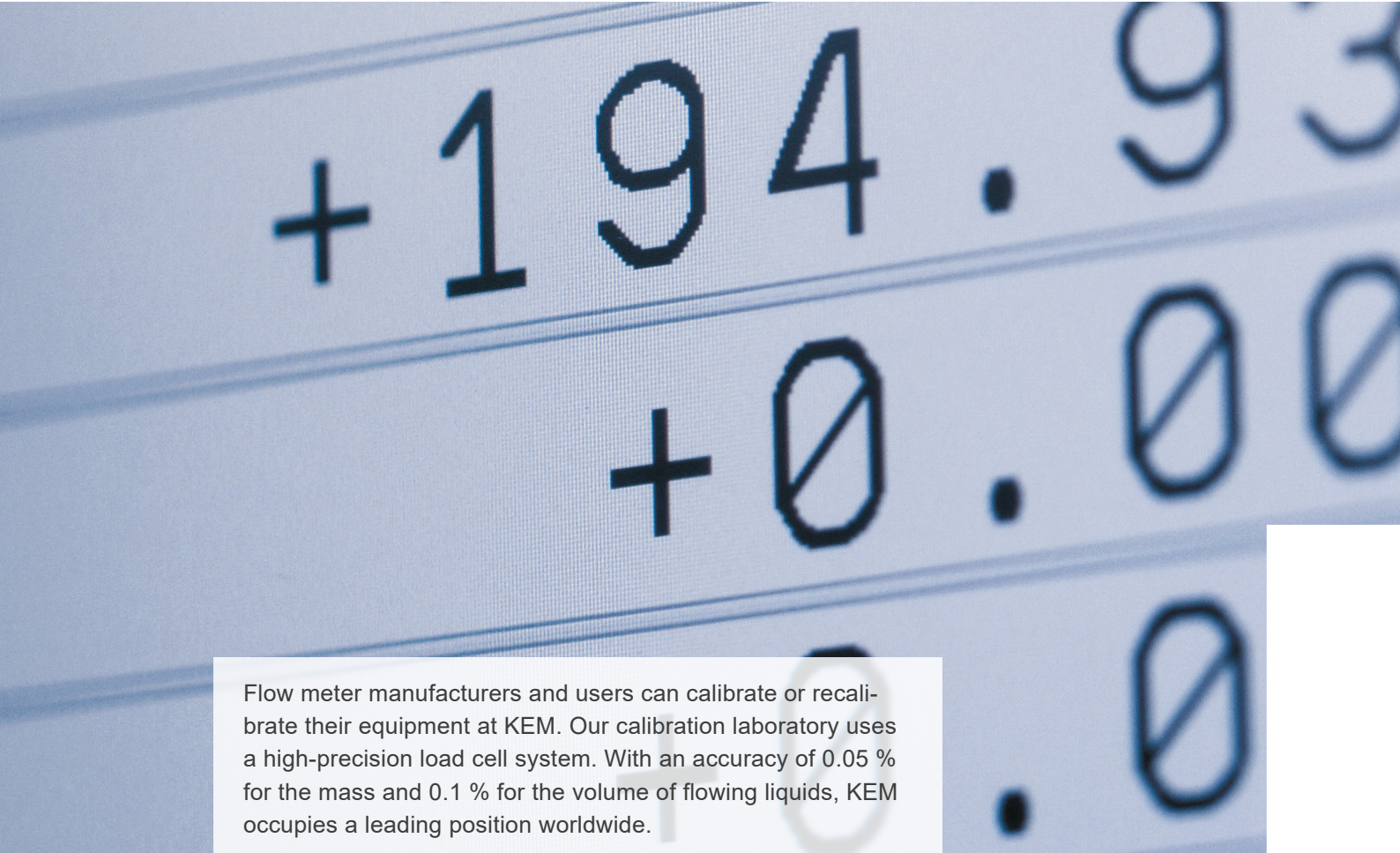
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Our passion is
your *Process*



KEM CALIBRATION SERVICE



Flow meter manufacturers and users can calibrate or recalibrate their equipment at KEM. Our calibration laboratory uses a high-precision load cell system. With an accuracy of 0.05 % for the mass and 0.1 % for the volume of flowing liquids, KEM occupies a leading position worldwide.

The German Accreditation Body (DAkkS) has accredited the laboratory with engineers, processes and measuring equipment in accordance with the international standard DIN EN ISO/IEC 17025:2018. An individual, detailed calibration record not only documents the accuracy of a flow meter but also guarantees traceability to national measurement standards for the customer.

KEM CALIBRATION OF FLOW METERS

Scope of Services

- DAkkS calibration
- Manufacturer-independent calibration
- Individual calibration records/certificates
- Traceability to national measurement standards
- Fast calibration throughput times

Calibration Records

As a manufacturer of flow meters, we prepare individual calibration records for all sensors – optionally also for two flow directions and different viscosities.

Procedure

Send the meters (ideally cleaned) and the completed calibration form including the declaration of decontamination to KEM Küppers Elektromechanik GmbH, Wetzeller Straße 22, 93444 Bad Kötzing:

www.kem-kueppers.com/service/calibration/calibration-service.html

On request, calibrations with different viscosities and two different flow directions are possible.



CALIBRATION AT THE HIGHEST LEVEL

The unique performance characteristic of the KEM calibration standard is the calibration with various hydrocarbons. This ensures optimum simulation of changing operating conditions in terms of density, flow direction and viscosity, even with temperature changes.

All requirements of corresponding international quality standards are met. Customers in the automotive, pharmaceutical or food, aviation and biotechnology industry trust the results of the KEM Calibration Service.

Even national metrology institutes (such as PTB) appreciate KEM flow meters for their excellent reproducibility, long-term stability and robustness. They are used as reference instruments for national and international precision calibration.



KEM RECALIBRATION

DAkKS Recalibration

- 10 or 20 calibration points
- Calibration medium oil
- Optical inspection
- Option: analog datasheet





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