

TESTING AND CALIBRATION EQUIPMENT

We perform tests and calibrations of flowmeters in a range of 3 l / min up to 1,200 m³ / h (0.79 gal/ min up to 317006.5 gal/h) at our certified test benches which are the follows:

Test bench "Master Meter"



For calibration of oval wheel meters

- test medium: hydrocarbon, ca. 2.8 mPa·s
- nominal size: DN15 – DN250
- flow rate: 30 up to 1,200 l/min ("Master Meter 1") (7.93 gal/min up to 317 gal/min)
- flow rate: 3 l/min up to 100 l/min ("Master Meter 2") (0.79 gal/min up to 26.42 gal/min)
- measurement uncertainty: +/- 0.06% of current value
- flow rate: 3 l/min up to 600 l/min ("Master Meter 3") (0.79 gal/min up to 158.5 gal/min)
- measurement uncertainty: +/- 0.03% of current value

Test Bench "two-way-pipe test loop"



For calibration of oval wheel and turbine meters, vortex meters and vortex meter run, mass flow meters, orifices, nozzles, venturi nozzles, complete differential pressure meter runs up to DN400

- test medium: hydrocarbon, ca. 2.8 mPa·s
- nominal size: DN80 - DN400
- flow rate: 12 m³/h up to 1,200 m³/h (3170.06 gal/h up to 317006.5 gal/h)
- measurement uncertainty: +/- 0.06% of current value

Test Bench "Piston Prover"



For calibration of oval wheel – and turbine meter

- test medium: water
- nominal size: DN15 - DN50
- flow rate: max. 72 m³/h (19020.4 gal/h)
- measurement uncertainty: +/- 0.06% of current value

National accredited test bench KRP/2



Test bench for calibration and recalibration of heat meters, vortex meters, ultrasonic meters, orifices, venture nozzles and pipes

- test medium: water
- test temperature: 55°C (131°F)
- nominal size: DN15 - DN150 (up to overall length 500 mm)
- flow rate: max. 420 m³/h (110958 gal/h)