

Verification and Calibration Centre

Calibration and recalibration - the reason for it

Aquametro AG is an authorised and recognised calibration centre for Switzerland as well as Germany and operates its own calibration centre, accredited at European level, for heat, water and oil volumes according to ISO / IEC 17025.

Aquametro AG owns one of the few cold water test benches capable of testing measuring points up to a nominal diameter of 250 mm and a maximum flow rate of 1200 m³/h. The scope of services covers the following areas:

- Calibration centre SCS077 (Swiss Calibration Centre)
- Calibration centre T02

The benefits of the calibration laboratory are clear:

- Professional
- Flexible
- Fast delivery

Products for your precise measurements

Ask us for separate product literature or visit our website.

By accessing www.aquametro.com you will find a complete overview of our system solutions and products.



Industrial applications

Special media require special solutions

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Our special industrial range

Industrial fluids are as varied as the applications they are used in. Our industrial range has been designed to take full account of the chemical and physical properties - ranging from aggressiveness to viscosity - of these media. Our industrial know-how guarantees effective individual customer solutions in the chemical, food & beverage pharmaceutical and cosmetics industry as well as for mechanical and system engineers.

The distinguishing features of the special industrial range are their extremely high chemical resistance and long-term stability.

Your system solution

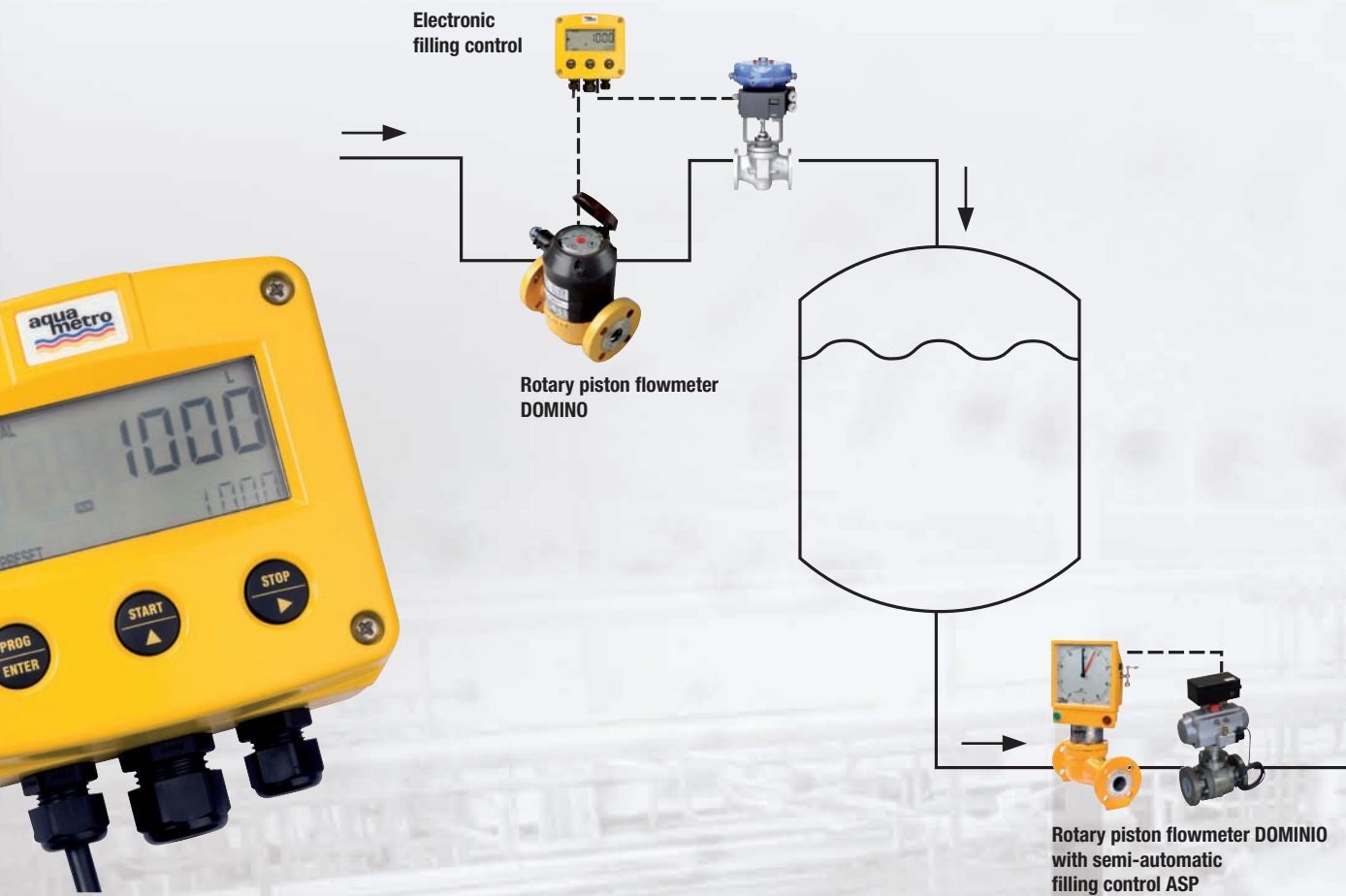
- A range of different flow measuring principles and meter ancillaries for simple system integration
- Manual, semi-automatic and automatic filling controls guarantee accurate dosing
- The modular design of the flow meters allows flexible retrofitting
- Individually adapted devices optimise the cost-effectiveness of the entire measuring point

Process industry

Special measuring instruments and meter ancillaries

Your benefits:

- Space-saving installation without requiring straight inlet and outlet pipe sections.
- Easy to install without restriction in either horizontal, vertical (specific) or inclined (specific) position.
- High operational safety due to integral safety filter in the counter input. Reduced costs on start-up.
- Complete tailor made solutions to suit customer requirements.



Flow measuring, dosing, filling

- ATEX versions for use in hazardous areas
- Measurement accuracy $\pm 0.5\%$ of the measured value, repeatability accuracy $\pm 0.1\%$
- Modular meter design for wide range of flow sensors, displays, pulsers and filling controls
- Ancillaries: mechanical, pneumatic or electronic filling controls

- Flexible mounting with small space requirement
- Suitable for conductive and non-conductive media
- Unaffected by flow turbulence
- Long life with low maintenance

Oil meter

- Complete range for optimum solutions in fuel oil consumption measurement
- Independent of viscosity and temperature
- Flexible mounting with small space requirement

Energy measurement technology:

- Precise / high accuracy
- Process temperature down to $-50\text{ }^{\circ}\text{C}$
- High temperature measurement up to $550\text{ }^{\circ}\text{C}$
- Heat transfer media (glycol, oil, etc.)
- Flow meter: mechanical, magnetic-inductive, ultrasonic, vortex, orifice plates etc.

Energy measurements

High-quality products and innovative solutions

Your benefits:

- Optimising energy use to increase energy efficiency
 - Energy controlling
 - Logging of energy consumption data
 - Logging of plant operating conditions
 - Monitoring of data and conditions
 - Evaluation of data and information

