

V200 / V 230
Rotary Piston Meter

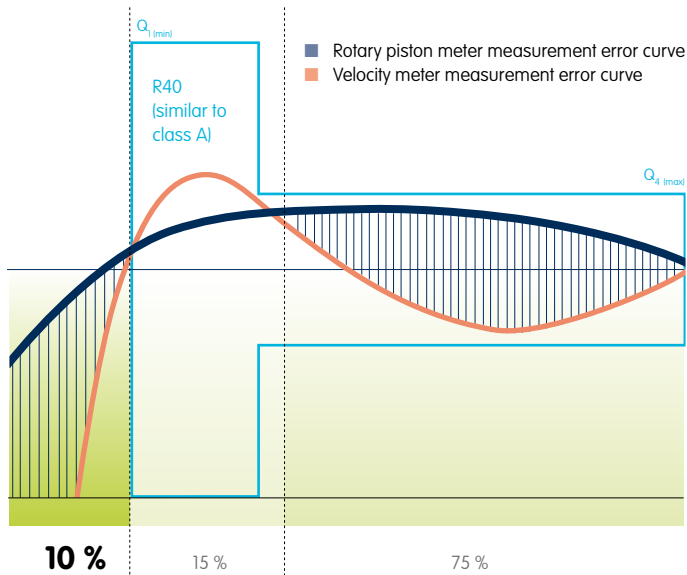
Economical and
precise measurement



elster

Leading the World
in Metering Technology

V200 / V230 rotary piston meters. For more economy.



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 The rotary piston meter detects even the smallest consumer volumes, those that remain undetected by velocity meters. This means more billable consumption.

Advantage 1 – Measurement accuracy

Rotary piston meters stand out by virtue of their **volumetric measuring principle**. This permits them to achieve **greater measuring accuracy** – and do this over an **enormous measuring range**, exceeding the official calibration limit requirements for standard measuring ranges in present „Metrological classes“.

This eliminates those apparent water losses that occur particularly in the **lower flow range** – i.e. low water volume per unit of time – that makes up 10 % of usage for a typical 4-person household. The so-called „leak flow volumes“ can be much more accurately metered for allocation to the actual consumers.

Percentages are based on the throughput of a 4-person household

Advantage 2 – Enhancement with EMERIS radio technology

Most of ELSTER's standard water meters can be expanded with components from the EMERIS radio technology. Supporting open communication interfaces for use in Smart Metering systems, these include impulse and radio/RF modules, concentrators, handhelds or the WaveLook™ receiver for readout, and software like Route Manager, Net Manager, and the EMERIS Communication Manager (ECM).



The advantages at a glance.

What makes the Elster rotary piston meter so unique?

First, the contoured rotary piston in the V200 and V230 ensures smoother running and more freedom from disturbance than other rotary piston meters. Second, the V230 rotary piston meter was designed for use in standard and known housings such as WVG. Only the measuring inserts have to be replaced. This makes the meter especially cost-effective and environmentally friendly.



V230
Rotary piston meter
in WVG housing

V200/V210

- Nominal flow rate Q_3 2.5 and Q_3 4 m³/h
- EC-type examination certificate (MID) with measuring range (Q_3/Q_1) R = 400
- V200 for standard residential connections
- V210 for plastic underground shafts
- Installable in universal orientations
- Non-fogging copper/glass faceplate of the meter's dial: IP68
- Contoured rotary piston
- Communication interface as a standard feature, for expanding with Falcon radio, M-Bus and pulse modules and incorporation into SmartMetering systems

V230

The perfect combination of precision and economy through WVG housing

- Measuring insert compatible with all standard WVG housings
- Proven wet dial meter mechanism
- No problems with sealing, deposits, or contamination from dirty hands; as can easily happen, for example, with measuring capsules
- MID type approvals at measuring range (Q_3/Q_1) R = 160
- Continuous flow Q_3 2.5 m³/h
- Installable in universal orientations
- Elster conText inscription ring



V200 with
Falcon M-Bus module

Elster – Number 1 in rotary piston meters.

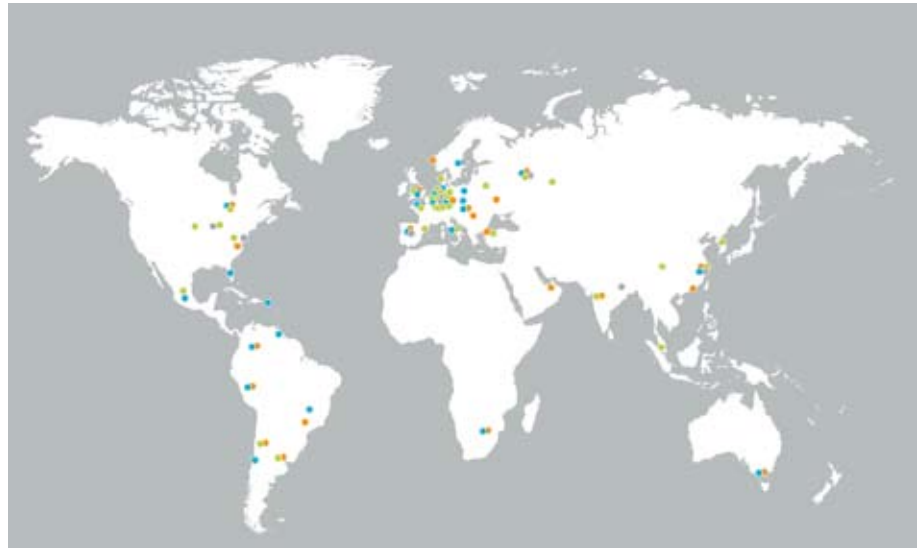
We know what we are talking about. Elster has been the world's leading manufacturer of rotary piston meters for decades. In matching our development work to meet the needs of diverse markets, we have set the standards for robustness and measuring consistency.

Elster - the innovative full-range supplier

As a competent, reliable partner and single source for metering of gas, electricity, water, and heat, Elster is the leading manufacturer of innovative devices and supplier of services.

Our know-how, that we have accumulated throughout the world, is available to you. Our experience and knowledge is reflected in our systems and high-quality components. This is the basis for a promising partnership with you.

Elster offers bulk water meters for commerce and industry -including electronic meters-, conventional residential water meters, innovative, hybrid-electronic water meters, submetering products, and a range of data communication products and services.



Branch offices around the world

- Gas
- Electricity
- Water



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V200V210V230_F 01.04e_02/10

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