

# MULTICAL® 41

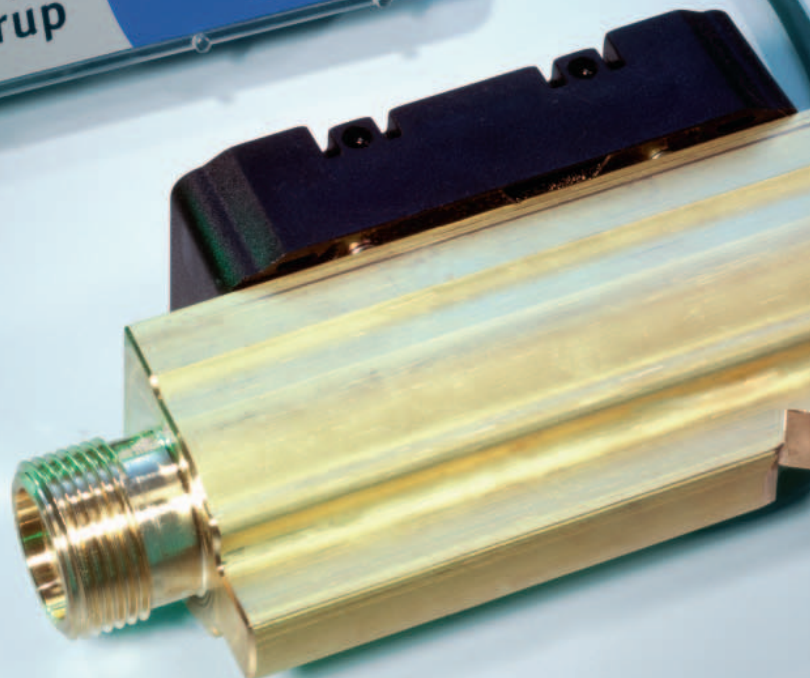
## the Water Meter from Kamstrup

Ultrasonic precision measuring



MULTICAL® 41 represents the new generation of high-tech electronic water meters.

The meter has been specially developed for registration of cold water consumption in single-family houses, blocks of flats and light industry and is type approved according to OIML R 49.



# High-tech innovation and profitable investment

## From mechanical water metering to electronic precision

**MULTICAL® 41 represents quality, reliability and longevity when it comes to domestic water measuring – and it is quick and simple to install.**

Kamstrup has many years' experience in development of ultrasonic flow meters and calculators for registration of consumption. The water meter MULTICAL® 41 has been developed on the basis of this experience and Kamstrup's basic demands for precision, stability and good economy. At the same time the door to the future has been left open in the form of a long series of upgrading possibilities to Kamstrup's advanced remote reading systems.

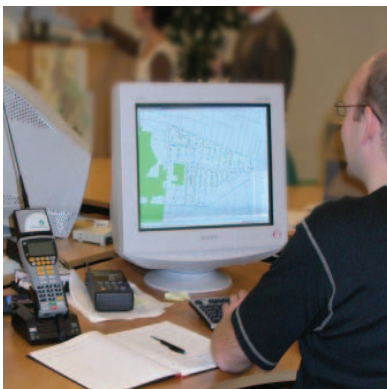
With MULTICAL® 41 we call mechanical water meters of former times to account and focus on electronic ultrasonic measuring of water consumption.



### Benefits and possibilities

- MULTICAL® 41 is extremely simple to install and read – saving you time and money.
- The meter has been thoroughly type tested according to OIML R 49.
- The field of application is domestic water measuring (0.3-30°C) in "utility environment".
- The calculator can be installed up to 1.5 m away from the flow meter, allowing the easy to read display with a wide range of display features to be placed at eye level.
- The meter can be verified from the factory.
- The meter has no wearing parts and a low start/stop flow.
- MULTICAL® 41 can be battery or mains supplied, and an integral backup mains supply eliminates operation stop in case of short-term power failure.
- MULTICAL® 41 is supplied with thread in size Q3 = 1.6 m³/h (nom. flow), which covers the domestic water requirement of single-family houses and blocks of flats.
- The meter can be read manually or via an optical reading head.
- If you prefer to utilize the advantages of frequent, automatic meter reading, MULTICAL® 41 is available with communication module in the form of modem, M-Bus, RS232, radio etc. Alternatively the module can be retrofitted without the use of special tools. Reverification is not necessary.
- MULTICAL® 41 is made of environmentally safe materials which can be recycled or easily disposed of when the time comes to replacing the water meter.

### Automatic Meter Reading



The basic objective of automatic meter reading (AMR) is quick and effective registration of the customers' water consumption. At the same time remote reading secures that customers are billed for the exact amount of water consumed – neither more nor less.

The collected consumption data can be transferred to your analysis or calculation programs as well as to your invoicing system. Alternatively, Kamstrup can undertake the whole process from data acquisition to invoicing. You simply receive payment for the consumed water quantity and can, thus, concentrate on customer service and activities at the utility company.



**Kamstrup**

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