

MULTICAL® 302

**kamstrup**

## The Residential All-Rounder

- 360 degree value-creating energy measurement
- All-in-one quality solution for the entire residential sector
- Intuitive setting and configuration with a single button



# An all-rounder with specialized capabilities

## One solution for the housing industry

Whether used in planning, in installations, for administrative purposes or by measurement services, MULTICAL® 302 is the only heat and cooling meter you will need.

MULTICAL® 302 covers practically any application with its wide temperature range from 2 °C...150 °C, its total dynamic range up to 1:1600 from start to saturation, impressive 1:250 (qi:qp) and its pressure stage classification of PN16 and PN25.



## Versatile in any position

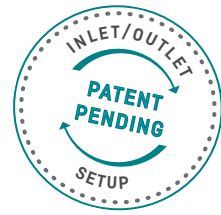
The meter's design features ensure the most efficient operational use of any heat and cooling meter. Whether mounted horizontally, vertically or on walls, MULTICAL® 302 can be adjusted to perfectly fit its surroundings. Its high protection class IP68 flow sensor makes MULTICAL® 302 the leading and best performing cooling meter in its class.

## Unrivelled eco-friendliness

MULTICAL® 302 is powered by Li-SOCI2 batteries with 6-8 or 12-16 years service life. You will save resources as battery change is not mandatory during each calibration phase. The batteries' low lithium levels exempt the meter from being subject to regulations regarding transportation of hazardous materials. All MULTICAL® 302 components are furthermore designed with re-use and re-cycling in mind.



# Intuitive configuration with a single touch

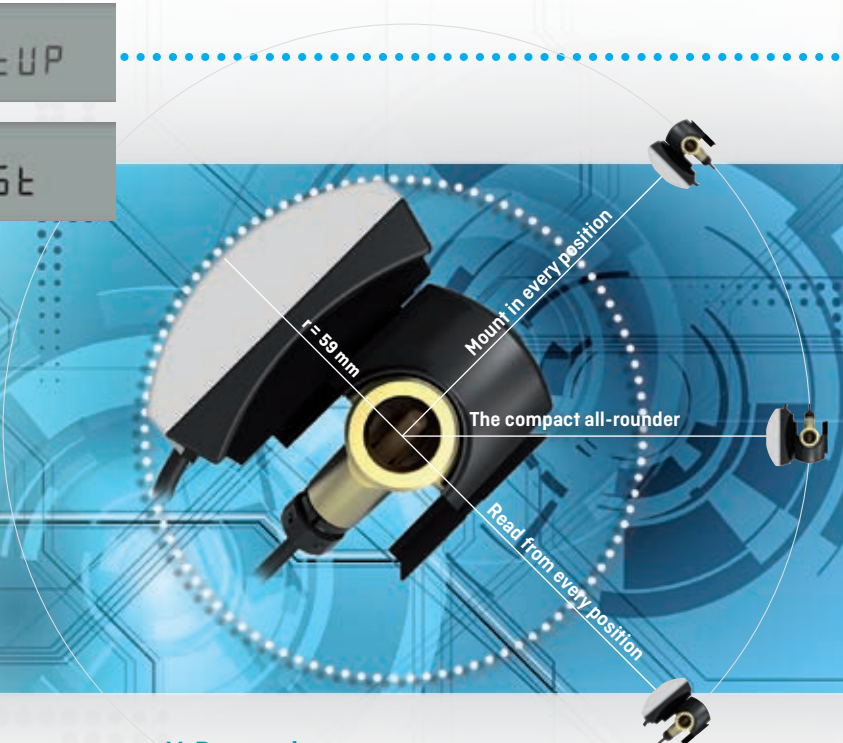


- 1-USER
- 2-TECH
- 3-SETUP
- 4-TEST

## One-button operation for a job well done

Operating the MULTICAL® 302 is intuitive and easy. One button is all you need to quickly configure the system, whether as a user, for maintenance, as installer or for system tests. Simply set up all parameters required for safe operation in menu 3 – setup. The ability to handle inlet and outlet installation of the flow sensor, the flexible measuring unit and the remote reading possibility reveal the true flexibility of the MULTICAL® 302.

- 3-SETUP
- OUTLET
- INLET
- 00 14258 kWh
- rF On
- EndSETUP
- OK



## M-Bus ready

Wired or wireless M-Bus is integrated in the meter for reliable remote data reading. With the easy-to-use USB Meter Reader Program reading the meter is easy whether done centrally or on the go.

Secondary addressing and automatic baud rate specifications are also supported by the meter.

The wireless communication enables drive-by and network reading according to EN 13757 and OMS. Data transfer takes place with individual data encryption.

Via the optical interface, data can be restored 15 years back in time due to the meter's extensive memory capacity.





## The new MULTICAL® 302 Anything but square

### Perfect geometry – perfect for every use

The design of the MULTICAL® 302 is based on the perfect geometry of the circle. The simple, but ingenious shape of the meter provides valuable benefits in the installation phase as well as when reading the meter. Its shape, its performance and its ease of use make the MULTICAL® 302 a truly unique all-rounder!

### Big technology in a compact package

With only a 59 mm radius and a depth of 83 mm, MULTICAL® 302 is big technology in a compact package. The meter can be mounted in small spaces, whether on the ceiling, just above the ground or in narrow shafts. A perfect installation angle is achieved in every instance, which ensures a simple and easy reading of the display.

### Flexibility comes full circle

The MULTICAL® 302 can be configured and programmed onsite during installation. Only a few menu steps are required to set up the meter. Its simplicity of use and the broad measuring range make MULTICAL® 302 a one-of-a-kind flexible solution for anyone working in the housing industry.

## Kamstrup – thinking ahead on your behalf

Kamstrup was founded in 1946 on a notion that still runs in our company today. There is always a better solution! This embodies our motivation to stay at the very forefront of innovation, and this has made us a world-leading manufacturer of system solutions for energy and water metering. Through the expertise of our highly skilled employees, our state-of-the-art production facility and our valuable experience, we offer top-class partnerships with our customers and solutions based on credibility, responsibility and quality. In daily operations, we support our customers not only through continuous product development but also through the highest possible level of service from our sales offices and authorized dealerships in more than 60 countries worldwide.

This allows us to genuinely think ahead on your behalf.

## Think forward

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