

MULTICAL® 21
& flowIQ® 2101

kamstrup

Facts Advantages Benefits



Primary facts, advantages and benefits

Fact	Advantage	Benefit
Ultrasonic technology	<ul style="list-style-type: none"> • Long term stability and accurate measuring • High quality measurements • No mechanical parts 	<ul style="list-style-type: none"> • Reliability in consumption and billing • Maintenance-free • Long life and low lifetime costs • Optimizing revenue
Vacuum sealing with IP68 approval	<ul style="list-style-type: none"> • The electronics are 100 % protected against penetration of water • The meter can be installed in bathrooms and meter wells 	<ul style="list-style-type: none"> • Flexible mounting • Longevity with no need for after-sales service
Built-in wireless M-Bus	<ul style="list-style-type: none"> • Remote reading - drive-by or network 	<ul style="list-style-type: none"> • Safe reading with encryption for export to billing packages • Reading at any time desired • Less labour costs
Optional radio packages - Transmission every 16 or 96 seconds	<ul style="list-style-type: none"> • Signals are with intelligent repair coding • Built-in radio can be configured for drive-by reading or reading in fixed network 	<ul style="list-style-type: none"> • Flexibility in terms of displaying various data
Leak surveillance	<ul style="list-style-type: none"> • Warning system with low leakage limits, to quickly discover water waste 	<ul style="list-style-type: none"> • Prevents unintended water consumption • Reduces expenses
Up to 16 years battery lifetime	<ul style="list-style-type: none"> • No maintenance • No need to change battery 	<ul style="list-style-type: none"> • Low operational costs
Open standardized radio with C-mode	<ul style="list-style-type: none"> • Long battery lifetime • Frequent transmission for walk-by/drive-by and network solutions • Short data packages 	<ul style="list-style-type: none"> • Energy saving • Flexible reading facilities • Safe communication • Positive user experience
Eco-friendly meter	<ul style="list-style-type: none"> • High reusability and low environmental impact according to Carbon Footprint* • PPS material is free from lead and other heavy metals 	<ul style="list-style-type: none"> • Safe recycling • Social and environmental responsibility

* Carbon Footprint is an environmental report which ensures that 80 % of the material can be recycled.

Secondary facts, advantages and benefits

Fact	Advantage	Benefit
Large, mist-free and simple display	<ul style="list-style-type: none"> • Easy to read manually • Gives graphically an indication of current flow • A number of info codes are displayed 	<ul style="list-style-type: none"> • Easy for the end-customer to check consumption data
Info codes	<ul style="list-style-type: none"> • Inform about 5 operational failures: Tamper, dry, reverse, leak and burst 	<ul style="list-style-type: none"> • Prevention of fraud • Prevent water waste • Data safety and operational reliability
Temperature measurement	<ul style="list-style-type: none"> • Measures water and ambient temperatures 	<ul style="list-style-type: none"> • Gives a surrounding environment statement, as well as an indication of the quality of the water when it reaches the consumer
Optical eye	<ul style="list-style-type: none"> • Possible to read consumption data, data loggers. PC connection, the optical eye furthermore gives access to configure the water meter 	<ul style="list-style-type: none"> • Large number of data available • Possible to analyze the amount of energy consumed during a specific period
Installation	<ul style="list-style-type: none"> • The meter can be installed both horizontally and vertically independent of piping and installation conditions 	<ul style="list-style-type: none"> • Flexible installation • Same meter for different installations, and thereby cost saving
Extensions	<ul style="list-style-type: none"> • Can meet existing standards • Free choice between Q₃ 1.6, 2.5 and 4.0 m³/h independent of meter length 	<ul style="list-style-type: none"> • The extensions make the meter fit into existing installations • Only one meter length needed in stock • Competitive installations
Tested and approved according to OIML R49	<ul style="list-style-type: none"> • An internationally recognised standard for metering of cold potable water and warm water 	<ul style="list-style-type: none"> • The standard guarantees long-term stable, accurate and reliable measurements

Our ultrasonic metering solution – your **ultrastrong** partner

Kamstrup is a world leading manufacturer of system solutions for smart energy and water metering.

Our core areas are measurement of heat, cooling, water and electricity.

Furthermore, in co-operation with you we develop AMR and service solutions that are customised for your company.

We are represented in more than 60 countries worldwide by Kamstrup sales and subsidiary offices or by our distributors.

All employees work hard to offer your company the very best service and to respond to global market information provided by our trusted partners.

In this way we maintain a strong mutual co-operation.

The Kamstrup brand

– when you demand quality, reliability, innovation and partnership.

Think forward

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