

Kamstrup

Ultrasonic

Water meter



Custom label - logo or meter/serial number

Optical eye for reading and configuration

63123456

Expiry year of battery

Graphical flow indicator

Bar code with serial number

2 flashing 'dots' = meter is active



63123456



2026

FLOW

Display shows water consumption

MULTICAL® 21

Info codes

Technical details

Type: 02166A0H817
S/N: 63123456/2014
Con: 010600000213
Class: 2 (E2, M1)(B/C)

T50: 0.1°C...50°C
Q3: 2.5 m³/h
Q3/Q1: 100/1, SW:E1
PN16, PS16 - IP68

Production year

Certification



DK-0200-MI001-015

Kamstrup

USER GUIDE

Date:

Meter reading before change of meter:

MULTICAL® 21 is an electronic water meter with no moving parts. The meter requires no maintenance and can be remotely read by the water supply company.

The display shows the water consumption. The large digits indicate cubic meters of water, and the small digits indicate liters (in this example, is displayed a consumption of 587.263 m³).

To the left the graphical flow indicator (in the form of five small arrows) indicates water flow through the meter. If the water is stagnant, all triangles are off. At the bottom right corner of the display two small squares flash alternately to indicate that the meter is active.

A number of info codes at the bottom of the display indicate extraordinary water consumption conditions.

An active info code in the form of one of the following words flashes: '**LEAK**', '**BURST**', '**DRY**', '**REVERSE**', '**TAMPER**'. The codes have the following meanings:

Flashing Info code:	Meaning:
LEAK	During the latest 24 hours the water in the meter has not been stagnant for minimum one continuous hour. This could indicate an untight faucet or a running toilet cistern.
BURST	The water flow has exceeded a preprogrammed limit for minimum 30 minutes which indicates a pipe burst.
DRY	The meter is not water-filled.
REVERSE	The water flows in the wrong direction through the meter.
TAMPER	Attempted fraud or tampering. The meter is no longer valid for billing purposes.

The info codes 'LEAK', 'BURST', 'DRY' and 'REVERSE' switch off automatically when the conditions that activated them have been remedied. In other words, 'LEAK' disappears when the water has been stagnant for an hour, 'BURST' disappears when the consumption falls to normal level, 'REVERSE' disappears when the water flows in the right direction, and 'DRY' disappears when the meter is filled with water. 'TAMPER', however, remains ON if there has been a tampering attempt.