

METERING AND MEASUREMENT SYSTEMS

Mechanical Calorimeters (Heat Meters)

PRODUCT OVERVIEW

A mechanical calorimeter (heat meter) calculates the heat energy transferred through an installation by measuring the water volume and the supply and return temperatures.



TECHNICAL SPECIFICATIONS

Product type	Mechanical heat meter (single-jet flow-meter design)
Sensor type	Pair of platinum temperature sensors with fast, linear measurement
Display	LCD display rotatable through 350° and tiltable (easy reading)
Magnetic protection	Reliable measurement without being affected by magnetic fields
Energy consumption and battery life	Low energy consumption, long battery life
Temperature range	From 5°C to 90°C
Minimum temperature difference (Δt)	0.1°C (calculation start point)
Accuracy class	Class 2
Certification	TS EN 1434, 2004/22/EC + 2009/137/EC MID
Protection rating	IP54
Historical data	Display of consumption for the last 12 months via the statistics menu
Standard package	Heat meter, 2 Klingersil gaskets, sensor union and gasket, user manual

Technical values summarise the product family. Options, dimensions and operating limits must be confirmed for the selected model.