

The Supercal 5 U energy meter for heating and cooling – at a glance.



Measurement of heating
and/or cooling – including
combined applications.



LoRaWAN®, wM-Bus, M-Bus,
BACnet, Modbus, and other I/O
options available.



Modular function expandability
without affecting certification.



Replacement of the metrological
calculator without removal of the
measuring tube.



Secure data transmission.



Device runs on battery or
230 VAC power supply.



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Sontex Ultrasonic. Supercal 5 U.

Heating and cooling
measurement based on
ultrasonic technology.



Flyer SC5U EN | 02.26 | V1.0 | Specifications subject to change without notice.

Sontex
your link to innovative metering

Sontex Ultrasonic. Supercal 5 U.

Thermal energy measurement.

Heating and cooling.

The **Supercal 5 U** is an energy meter with an ultrasonic flow sensor for heating and/or cooling systems (qp 3.5 to 6.0 m³/h), including combined operation.

Consumption data can be read via the display or using Sontex Superprog software for Windows. Communication interfaces such as optical probe, NFC, M-Bus, BACnet, Modbus, Sontex radio, wM-Bus, or LoRaWAN® are available.

Flow sensor				
Nominal Flow Rate (qp) [m³/h]	3.5	3.5	6	6
DN	25	25	25	32
Overall length [mm]	160	260	260	260
Connection	G 1 ¼"	G 1 ¼"	G 1 ¼"	G 1 ½"
Material	Brass	Brass	Brass	Brass
Total meter weight [kg]	1.3	1.7	1.7	1.8
Temperature range as Heat meter [°C]	+5 ... +130	+5 ... +130	+5 ... +130	+5 ... +130
Temperature range as cold meter [°C]	+5 ... +130	+5 ... +130	+5 ... +130	+5 ... +130
Minimum flow qi [m³/h]	0.035	0.035	0.06	0.06
Maximum flow qs [m³/h]	7	7	12	12
Measuring accuracy class	2	2	2	2
Pressure loss at qp [mBar]	130	130	220	220
PN [Bar]	25	25	25	25
Upstream and downstream zone	U0 / D0	U0 / D0	U0 / D0	U0 / D0



various I/O options

qp 3.5 DN25 160mm / 260mm
qp 6.0 DN25 260mm
qp 6.0 DN32 260mm

