

gSKIN[®] KIT Heat Flux Kit

FEATURES

- Calibrated Plug-and-Play solution
- Get ready-to-use heat flux data with a resolution < 0.41 W/m²
- Logger and live read-out
- Stores up to 2 million data points
- Read-out software included
- USB interface
- For scientific and analytical measurements



gSKIN®-XM 27 9C



DLOG-4219

Product Name	gSKIN [®] KIT-1583C
Article Number	A-061895
gSKIN [®] KIT includes ^a	Sensor: gSKIN [®] -XM 27 9C (4.4mm x 4.4mm) Logger: DLOG-4219 Mounting Tape
Sensor Calibration	Method cohering to ISO8301, mean temperature of 22.5°C
Min. Heat Flux Range [W/m ²]	±550
Heat Flux Resolution [W/m ²]	<0.41
Min. Sensor Sensitivity ^b (S) [μV/(W/m ²)]	1.5
Response Time (0-95%) [s]	0.2 ^c / 0.7
Logger Dimensions (l x w x h) [mm x mm x mm]	52 x 20 x 15
Measurement Frequency	50/s to 2/d
Bit Resolution [bits]	12
Data Storage Capacity [# measurements]	>2'000'000
Battery Lifetime ^d [days]	>30 (rechargeable)
Computer Interface	USB
Software	Download
Operating System	Windows 2000 / XP / Vista / 7 / 8
Operation Modes	Autonomous / Button Triggered / Live
Operating Temperature Range Min/Max [°C]	-50 / 150 (-25 / 65 for Logger)
Calibration Temperature Range Min/Max [°C]	-30 / 70
Calibration Accuracy ^b [±%]	3
Sensor Cable Length [m]	1.5 (with connectors)

^a For more details consult the datasheets of the individual products.

^b Sensor calibration data already loaded onto logger for simple and fast plug-and-play measurements.

^c Anticipated.

^d At lowest measurement frequency (2/d).