

gSKIN[®] KIT U-Value Kit

FEATURES

- Calibrated Plug-and-Play solution
- Measurement of U-Value ($W/(m^2K)$), heat flux (W/m^2), and 2 temperatures ($^{\circ}C$)
- Compatible with standards ISO 9869 and ASTM C1046 / ASTM C1155
- Stores up to 2 million data points
- Battery lifetime > 1 month
- High sensitivity thermal detectors
- Read-out software included
- Compact design
- USB interface



gSKIN[®]-XO 67 7C



DLOG-4231



Transport box

Product Name	gSKIN [®] KIT-2615C
Article Number	A-163479
gSKIN [®] KIT includes ^a	Sensor: gSKIN [®] -XO 67 7C (30mm x 30mm) Logger: DLOG-4231 incl. 2 temperature sensors Software Mounting Tape
Heat Flux Range Min / Max [W/m^2]	$\pm 200^d$
Heat Flux Resolution [W/m^2]	<0.22
Min. Sensor Sensitivity ^b (S) [$\mu V/(W/m^2)$]	7
Temperature Sensor Accuracy [$^{\circ}C$]	± 0.5 (-10...+65 $^{\circ}C$) ± 2.0 (-55...+125 $^{\circ}C$)
Logger Dimensions (l x w x h) [mm x mm x mm]	52 x 20 x 15
Measurement Frequency	1/sec to 1/h
Bit Resolution [bits]	12
Data Storage Capacity [# measurements]	>2'000'000
Battery Lifetime ^c [days]	>30 (rechargeable)
Computer Interface	USB
Software	Installation-SW sent by email / via download link
Operating System	Windows 2000 / XP / Vista / 7 / 8
Operation Modes	Live display / Data logger
Operating Temperature Range Min/Max [$^{\circ}C$]	-40 / 100 (-20 / 65 for Logger)
Calibration Temperature Range Min/Max [$^{\circ}C$]	-30 / 70
Calibration Accuracy ^b [%]	3
Temperature Sensor 1 / 2 Cable Length [m]	5.0 / 1.0
Heat Flux Sensor / Logger Cable Length [m]	1.0 / 0.5 (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 At lowest measurement frequency (2/d).

^d Heat Flux Range up to +/- 400 [W/m^2] available on request

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