

# gSKIN<sup>®</sup> 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 sensitive thermal detectors
- Read-out software included
- Compact design
- USB interface



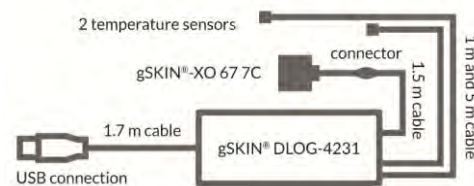
Product Name	<b>gSKIN<sup>®</sup> KIT-2615C</b>
Article Number	A-063479
gSKIN <sup>®</sup> KIT includes <sup>a</sup>	Sensor: gSKIN <sup>®</sup> -XO 67 7C (30mm x 30mm) Logger: DLOG-4231 incl. 2 temperature sensors Mounting Tape: MOUNT-1211
Heat Flux Range Min / Max [ $W/m^2$ ]	$\pm 300$
Heat Flux Resolution [ $W/m^2$ ]	<0.22
Min. Sensor Sensitivity <sup>b</sup> (S) [ $\mu V/(W/m^2)$ ]	7
Temperature Sensor Accuracy [ $^{\circ}C$ ]	$\pm 0.5$ (-10...+65 $^{\circ}C$ ) $\pm 2.0$ (-55...+125 $^{\circ}C$ )
Logger Dimensions (l x w x h) [mm x mm x mm]	52 x 20 x 15
Measurement Frequency	50/s to 2/d
Bit Resolution [bits]	12
Data Storage Capacity [# measurements]	>2'000'000
Battery Lifetime <sup>c</sup> [days]	>30 (rechargeable)
Computer Interface	USB
Software	Installation CD included
Operating System	Windows 2000 / XP / Vista / 7 / 8
Operation Modes	Autonomous / Button Triggered / Live
Operating Temperature Range Min/Max [ $^{\circ}C$ ]	-40 / 100 (-25 / 65 for Logger)
Calibration Temperature Range Min/Max [ $^{\circ}C$ ]	-30 / 70
Calibration Accuracy <sup>b</sup> [ $\pm\%$ ]	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)

<sup>a</sup> For more details consult the datasheets of the individual products.

<sup>b</sup> Sensor calibration data already loaded onto logger for simple and fast plug-and-play measurements.

<sup>c</sup> At lowest measurement frequency (2/d).

Datasheet V3.1, © Copyright greenTEG AG, 2014 All Rights Reserved



Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

For pricing or any further information, please contact Omni Instruments Ltd.