Sparklike

Developed and manufactured in Finland

Renewed Sparklike Laser Portable™ 2.2

Non-destructive insulating gas measurement device

FOR DOUBLE AND TRIPLE GLAZED INSULATING GLASS UNITS WITH COATINGS AND LAMINATION

NEW FEATURES

- Replaceable measuring head
- Laser temperature adjustment only with software
- Average Measurement Results
- Single Pane Thickness Measurement
- Wireless Bar Code Reader
- Battery low -notification
- Improved Software and User Information



Compact device on wheels

Sparklike technology since 2000

BENEFITS

- Comprehensive quality control of IGUs — Measures insulating gas concentration, glass thicknesses, cavity thicknesses, and overall IG unit thickness.
- Gas concentration levels can be measured at any point in the production process, at the construction site, or after installation — easy maneuverability.
- Patented TDLAS technology enables measuring any insulating gas.
- Measured units can be delivered to end-user — No units to waste.
- Simple user interface and unlimited data logging.



Measure at the production line



On-site measurement



Replaceable measuring head

TECHNICAL CAPABILITIES

Thickness measurement accuracy	± 50 µm (*)
Repeatability of the gas measurements	± 2 % (*,**)
Measurement time	18–21 s/DGU and 22–28 s/TGU
Maximum IG thickness	51 mm from surface 1 to 3/DGU from 1 to 5/TGU
Measurement range	1–97 %
Glass thickness range	2–23 mm
Spacer bar range/ cavity dimension	4–40 mm
Max. input power	250 W
Connections	RJ-45, 2x USB 2.0
Display	12” Touch Screen
Data logging capability	Virtually unlimited
Battery	2x 7.5 Ah LiFePO4, 12,8 V
Weight	28 kg
Dimensions (LxWxH)	
Main unit	420 x 325 x 585 mm
Measuring head	320 x 195 x 310 mm
Device in operation	420 x 390 x 1300 mm

* Typical construction of the insulating glass unit

** At least 30 measurements are needed that 95 % confidence interval is valid

Contact your local distributor
sparklike.com/contact-us
Contact us
sales@sparklike.com

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