



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

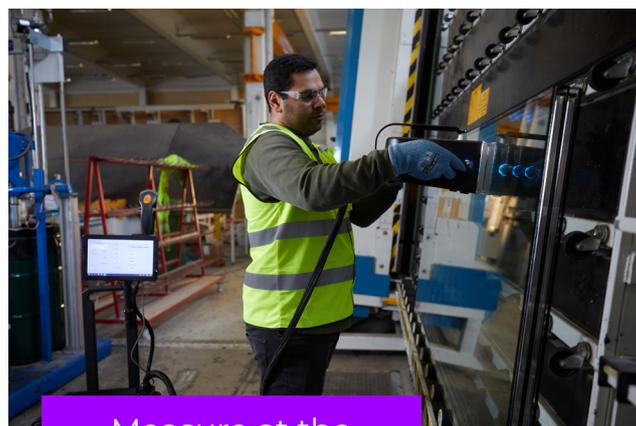
- Replaceable measuring head
- Laser temperature adjustment only with software
- Average Measurement Results
- Single Pane Thickness Measurement
- Wireless Bar Code Reader
- Battery low -notification
- Improved Software and User Information



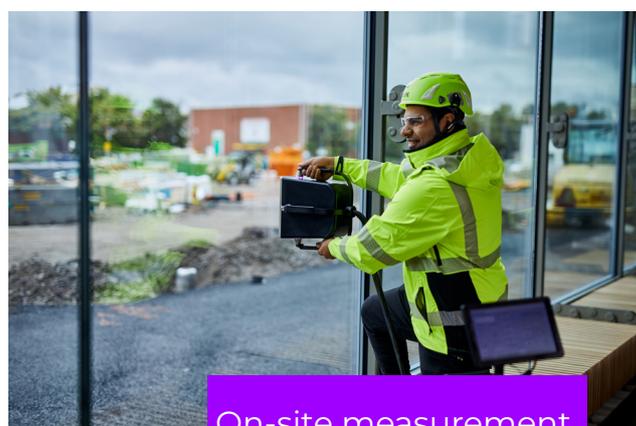
Sparklike technology since 2000

## 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

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

\* Typical construction of the insulating glass unit

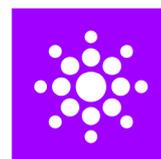
\*\* At least 30 measurements are needed that 95 % confidence interval is valid

Contact your local distributor

[sparklike.com/contact-us](https://sparklike.com/contact-us)

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