

NEW & UNIQUE!

# Sparklike Laser Portable™ 2.0

**Non-destructive insulating gas measurement device**  
FOR DOUBLE AND TRIPLE GLAZED INSULATING GLASS  
UNITS WITH COATINGS AND LAMINATION

## Features

---

- ▶ Determines accurately the insulating gas concentration, glass thicknesses, cavity thicknesses, and overall IG Units thickness
- ▶ Patented TDLAS technology
- ▶ Measures the residual oxygen – any insulating gas can be checked
- ▶ Portable device with battery
- ▶ Technical support with remote connection
- ▶ Barcode reader and Wi-Fi are available as options



## Benefits

- ▶ Gas concentration levels can be measured at any point in the production process, at the construction site, or after installation.
- ▶ Measured units can be delivered to end-user.
- ▶ Vacuum gripping to the IG unit – light signal when reading and vacuum grip is released.
- ▶ Compact measuring head with New ErgoGrip™ – three handles and start-buttons, easy to handle in different measuring positions.
- ▶ Compact trolley unit with 150 mm pneumatic wheels for easy maneuverability – enables on-site measuring.

## Technical capabilities

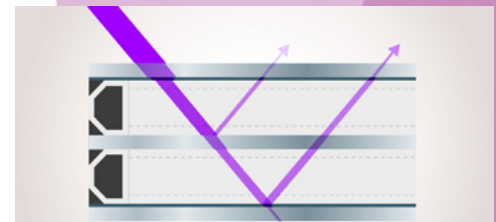
Thickness measurement accuracy	± 50 µm (*)
Repeatability of the gas measurements	± 2 % (**)**
Measurement time	18–21 s/DGU and 22–28 s/TGU
Maximum IG thickness	51 mm from surface 1 to 3/DGU from 1 to 5/TGU
Glass thickness range	2–23 mm
Spacer bar range/cavity dimension	4–40 mm
Max. input power	250 W
Connections	RJ-45, 2x USB 2.0
Display	10.1" Touch Screen
Data logging capability	Virtually unlimited
Battery	7.5 Ah LiFePo – 3–4 hours cordless operation
Weight	26 kg
Dimensions	
Trolley case	410 x 330 x 560 mm (without the wheels)
Measuring head	350 x 190 x 330 mm
Device in operation	440 x 390 x 1200 mm (with the wheels)

\* Typical construction of the insulating glass unit

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



*Compact device on wheels*



*Laser beam in a triple glass unit*



*On-site measurement*



*Barcode reader and Wi-Fi option*

### CONTACT YOUR LOCAL DISTRIBUTOR:

[www.sparklike.com/find-distributor](http://www.sparklike.com/find-distributor)

### CONTACT US:

[sparklike@sparklike.com](mailto:sparklike@sparklike.com)

Sparklike Oy  
Hermannin rantatie 12 A 21  
00580 HELSINKI