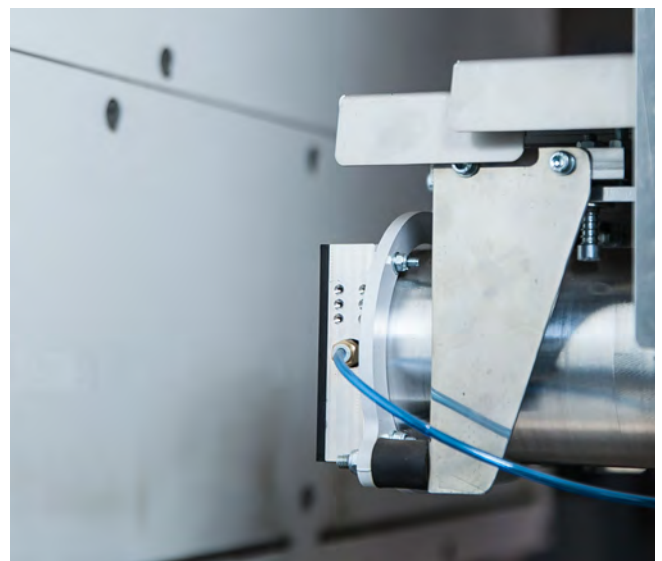


# Sparklike Laser Integrated™

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

## Features

- ▶ Automatic non-destructive measurement
- ▶ Integration to any insulating glass assembly line
- ▶ Control and optimization of gas press
- ▶ Complete turn-key installation is available



**ANNUAL SPARKLIKE CARE™ SERVICE PROGRAM INCLUDED**

The purchase of the device includes first year CARE™ free of charge

For more info:  
[sparklike.com/care](https://sparklike.com/care)

## Benefits

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- ▶ All produced insulating glass units are measured for complete quality control records
- ▶ Measurements included in the quality report – traceability
- ▶ Further control of the gas press – better fill with different IGU sizes and length/ width ratios
- ▶ No other quality control needed – savings with labor and check-samples and no human errors
- ▶ Sales argument in insulating glass sales



## Technical capabilities

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- ▶ Utilizes technology based on tunable diode laser absorption spectroscopy (TDLAS)
- ▶ Thickness measurement accuracy  $\pm 50 \mu\text{m}$  (\*)
- ▶ Repeatability of the gas measurements  $\pm 2 \%$  (\*,\*\*)
- ▶ Measuring time DGU 9-20 s, TGU 16-30 s
- ▶ Measurement location in Y-axis adjustable
- ▶ Scalable to any IG-line height
- ▶ All measurement results are stored and transferable to ERP/IG-line
- ▶ The laser does not contact the insulating glass line
- ▶ A flat floor and 700 mm free area needed
- ▶ Safety covers and machine safety features based on local directives

\* Typical construction of the insulating glass unit

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



### CONTACT YOUR LOCAL DISTRIBUTOR:

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

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