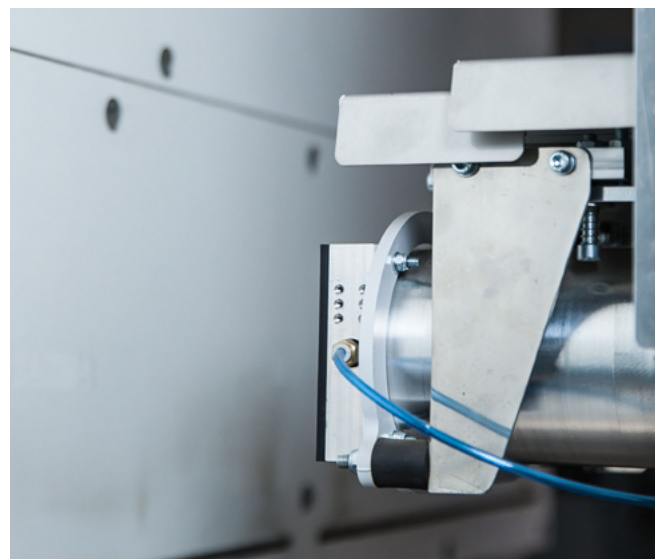


Sparklike Laser Integrated™

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

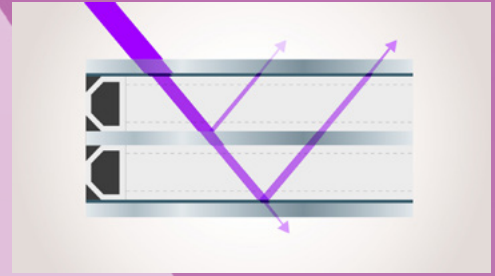
Features

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



Benefits

- ▶ 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

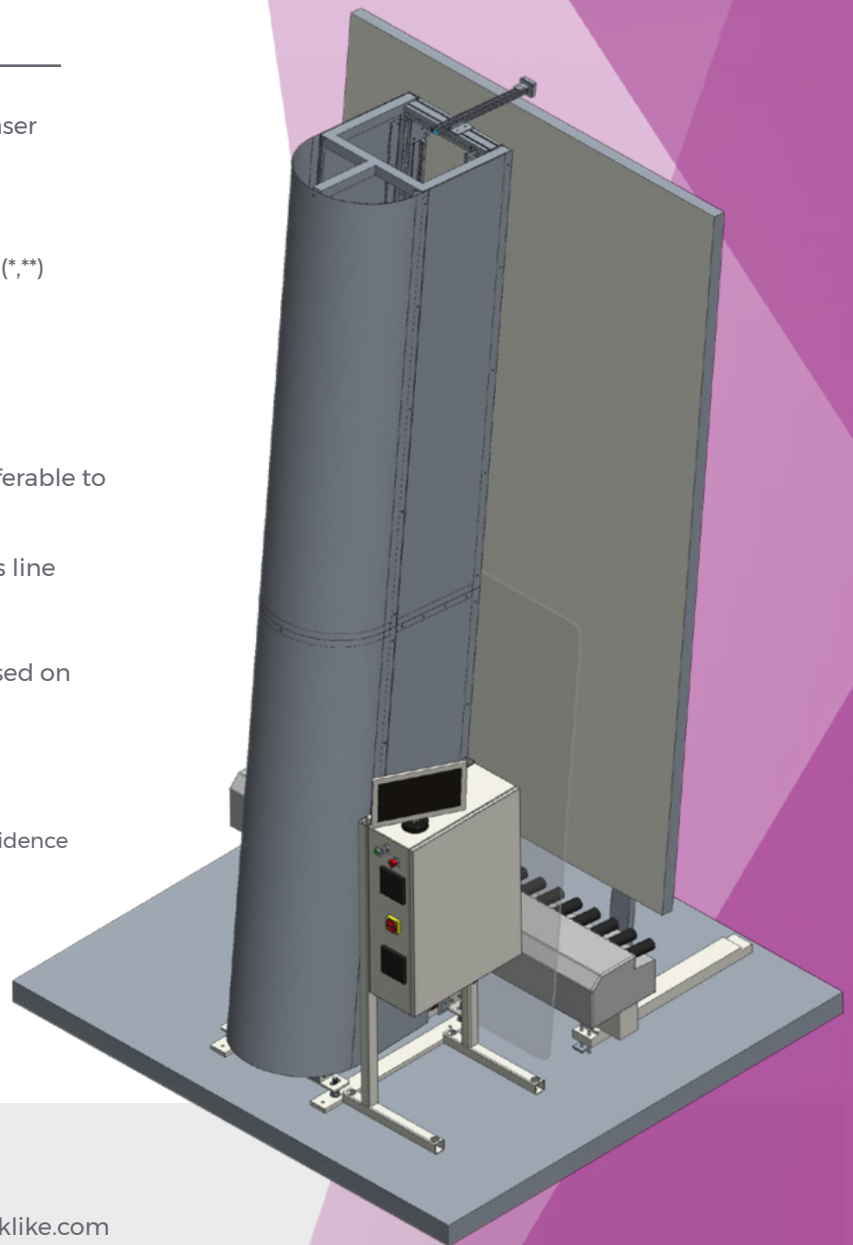


Technical capabilities

- ▶ 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 20 s, TGU 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 1000 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:

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