

## NON-DESTRUCTIVE IG-LINE INTEGRATED ARGON MEASUREMENT

Sparklike Online™ measures argon concentration on triple and double glazed units. This non-destructive and IG-line integrated measurement can be done through coated and laminated glasses.

The equipment consists of a set of components, a movement system and a software installed into insulating glass production line. The measurement takes place after the gas press, where the glass will stop to a pre-set location and a linear movement takes the measuring head to a pre-set height. After the analysis, the measured unit can move further on the IG-line, while the measurement results are stored to a hard drive and can be read by an external system. All Sparklike devices™ are developed and manufactured in Finland, and based on Sparklike patented and proprietary technology.



Sparklike

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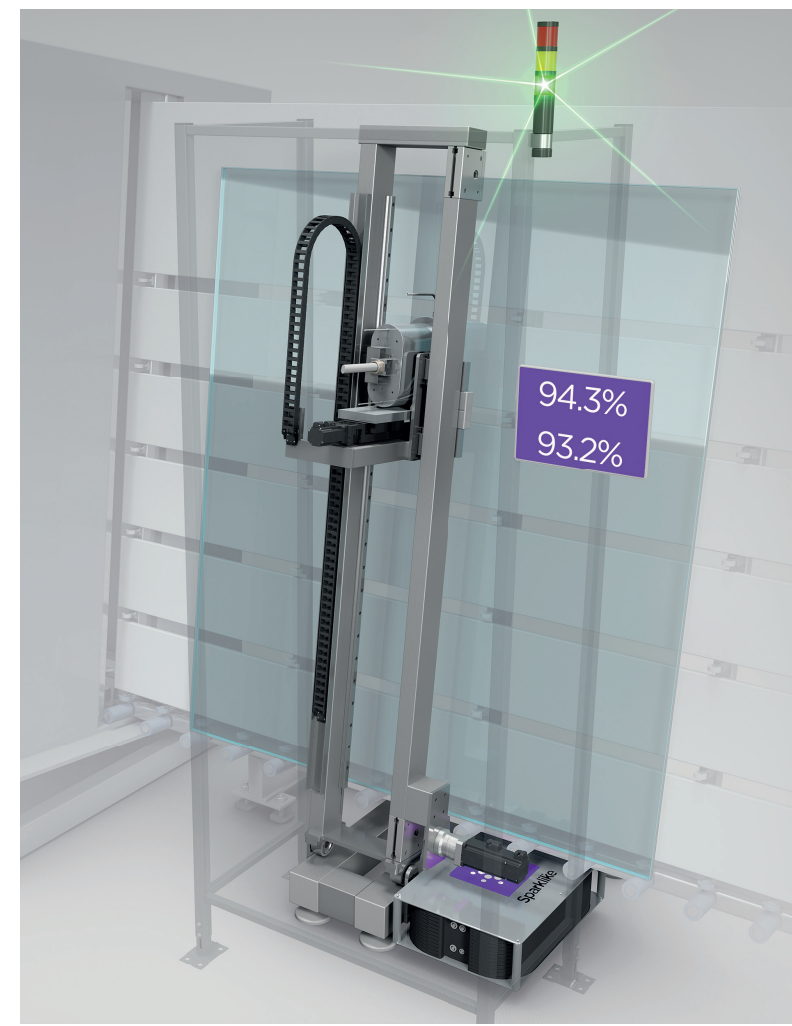
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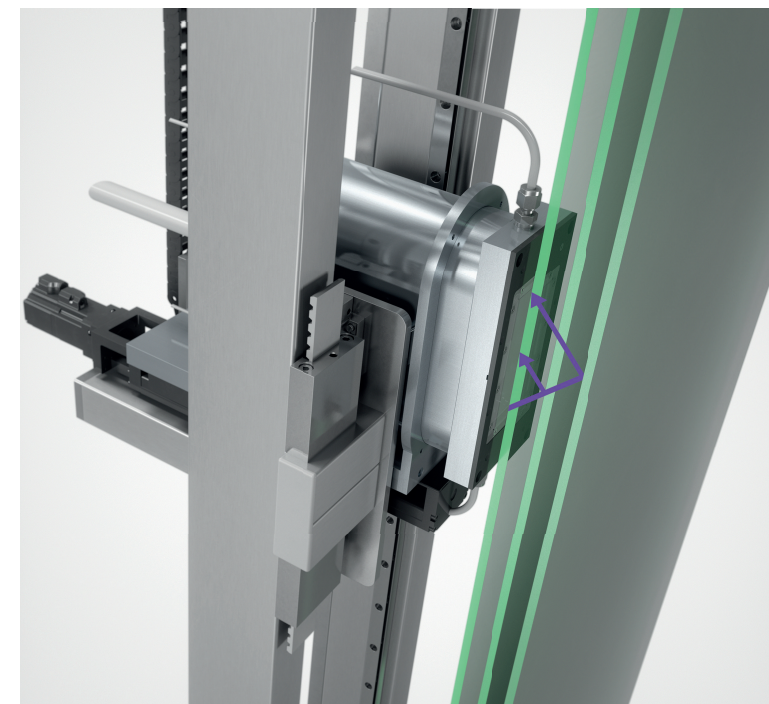
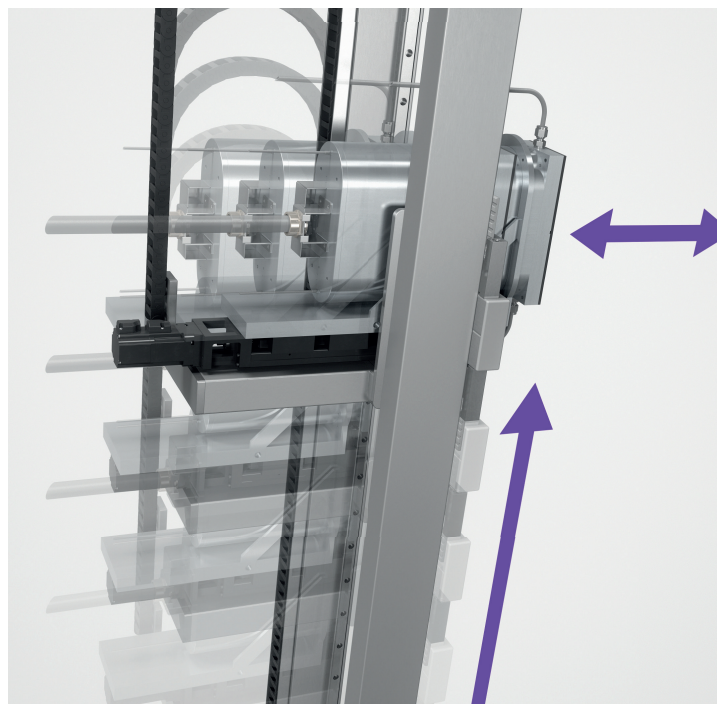
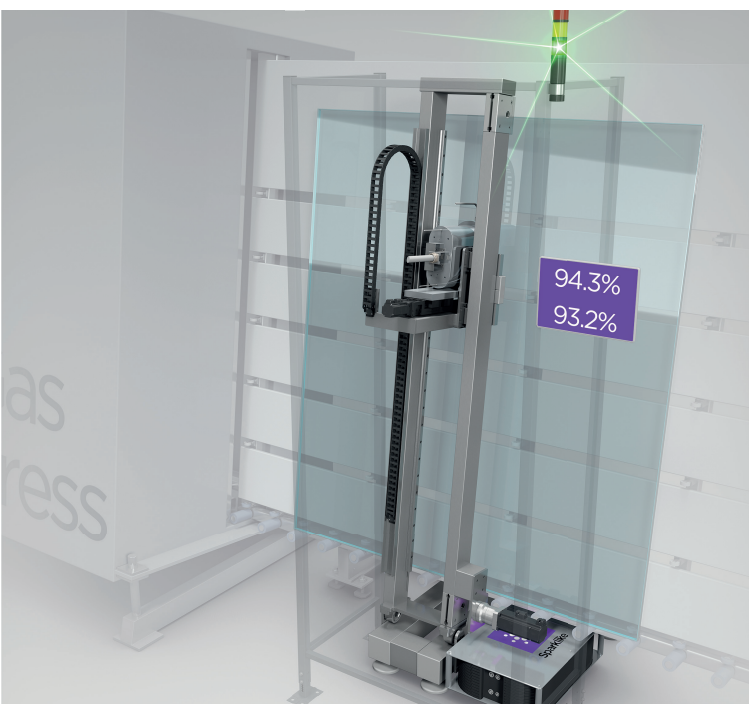
Sparklike

## SPARKLIKE ONLINE™

## NON-DESTRUCTIVE IG-LINE INTEGRATED ARGON MEASUREMENT



## SPARKLIKE ONLINE™ - NON-DESTRUCTIVE IG LINE INTEGRATED ARGON MEASUREMENT WITH TURNKEY INSTALLATION



### SPARKLIKE ONLINE™

- IG-line integrated and non-destructive measurement of argon for triple and double glazed units, also through coated and laminated glasses.
- Accurately measuring IGU's glass and cavity thicknesses.
- Including turnkey installation.
- The results can be transferred to IG-line reporting system, factory ERP, etc.

### TECHNICAL CAPABILITIES

Size.....	Appr. width 800mm and depth 1000mm (+ safety cage), height according to the IG-line
Weight.....	180kg
Dimension measurement accuracy.....	+/- 50 µm (*) for glass and cavity thickness
Gas measurement accuracy.....	+/- 2% StDev (**)
Measurement time.....	9-21s/DGU, 14-28s/TGU (***)
Glass thickness range.....	2-23mm
Spacer bar range.....	4-40mm
Maximum IGU thickness.....	51mm (from surface 1 to surface 3/DGU, from surface 1 to 5/TGU)
Connected power.....	1250W
Connections.....	Ethernet (RJ-45), 2x USB 2.0, VAC Power (C14)
Display.....	15,6" Touch Screen
Data logging capability.....	Virtually unlimited
Gas connection.....	0,5-1 litres/min (argon)

(\*) Subject to IGU transmission spectrum, (\*\*) subject to IGU transmission spectrum/spacer bar combination, (\*\*\*) subject to the level of integration.