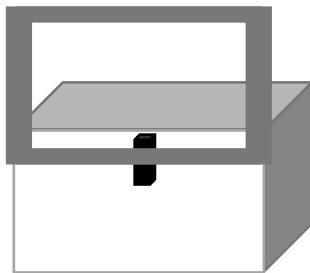


- **Contactless**
- **Non destructive**
- Working on **all surfaces**, even the smallest and curved, and on threadings
- **Unique and permanent** calibration for all kinds of aluminium and all parts shapes
- Working on **hard, sulfuric and chromic anodic oxydation**
- Measurement precision of 1µm
- Automated storage and archiving of referenced measurement data

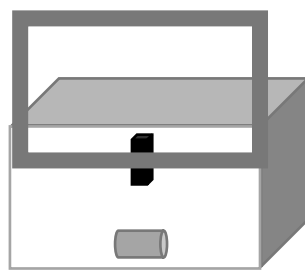


### WAY OF USE

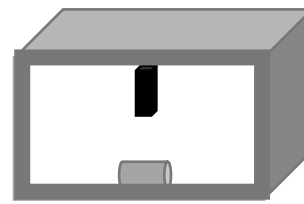
Control station installed at the end of production line or at quality control



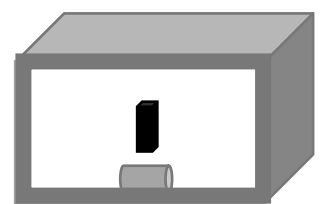
Door opening



Part positioning under the measuring head

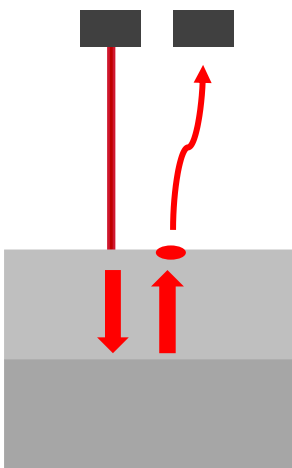


Door closing



The measuring head moves automatically close to the part

### INNOVATIVE LASER MEASUREMENT TECHNOLOGY



### ADVANTAGES AND SAVINGS

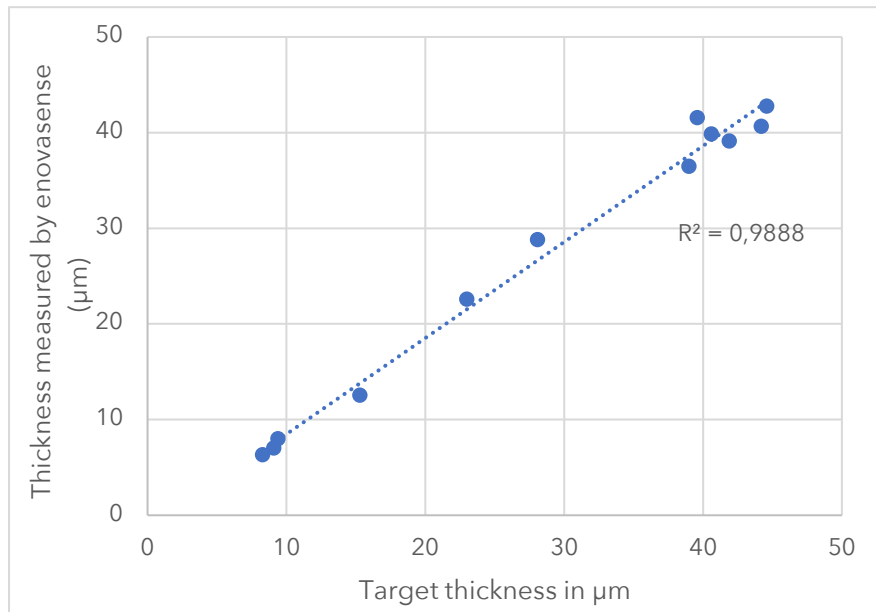
- Contactless system reduces repeatability problems and increases precision of the measurement.
- Unique calibration simplifies the use, allows time savings and avoid confusions
- Contactless system increases the lifetime of the probe and avoids regular replacements

Dimensions of the control station	1700 x L1000 x h700 mm
Dimensions of the measuring head	175 x L32 x h41 mm
Repeatability (RMS)	1µm (OAS) 0,2µm (OAD)
Maximum measurable size	450 x 450 x 300 mm

## MEASUREMENT RESULTS

- Hard anodizing**

Correlation between measurement values and target values  
Enovasense

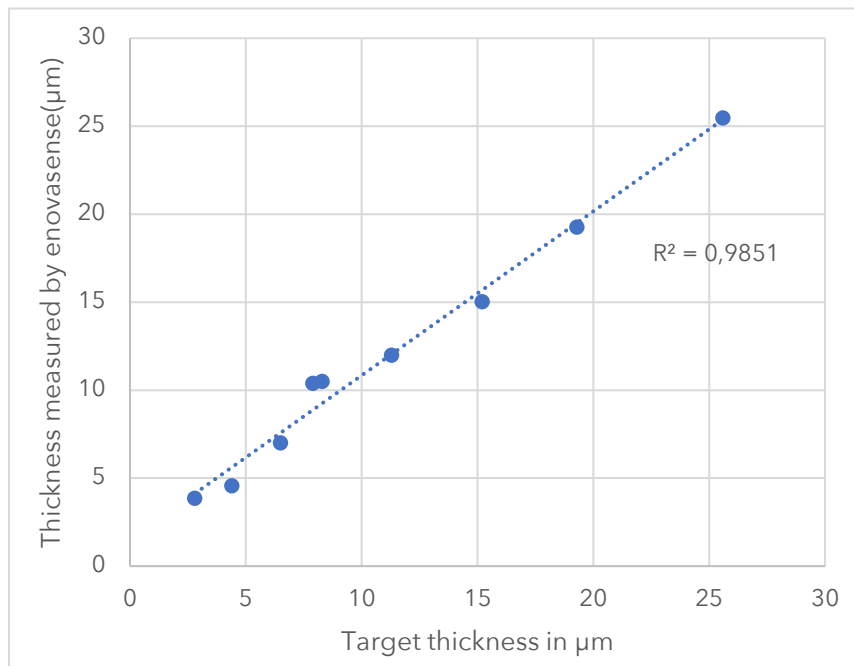


Repeatability in 1 point

Measurement	Thickness (μm)
Measurement 1	30,7
Measurement 2	30,7
Measurement 3	31
Measurement 4	31,4
Measurement 5	30,9
Measurement 6	31,2
Measurement 7	31
Measurement 8	30,7
Measurement 9	30,9
Measurement 10	31,3
Average	31
Standard deviation	0,24

- Sulfuric anodizing**

Correlation between measurement values and target values  
Enovasense



Repeatability in 1 point

Measurement	Thickness (μm)
Measurement 1	8,1
Measurement 2	8,2
Measurement 3	8,4
Measurement 4	8
Measurement 5	7,9
Measurement 6	8
Measurement 7	8,4
Measurement 8	8,4
Measurement 9	7,5
Measurement 10	8,4
Average	8,1
Standard deviation	0,28