

# NEW ABSOLUTE DIGITAL SYLVAC PROBES

The new probes **S\_Probe P12D**: The perfect combination of Sylvac Swiss ingenuity and new technologies!



## S\_Probe P12D

- Measuring range 12.7mm (½in)
- **Resolution 0.1 and 0.01 micron**
- Absolute system with integrated correction, no more pairing needed
- **Patented dual inductive and capacitive system**
- Ball bearing
- **Very high accuracy and repeatability**
- Direct USB output

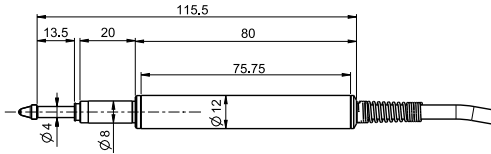


VMUX SOFTWARE

**IP54**

**SWISS  
MADE**

# S\_Probe P120



VERSION D STANDARD



SYLCOM SOFTWARE



USB CONNECTOR

D300S DISPLAY UNIT



0.1µm ONLY



STANDARD VERSION

## TECHNICAL SPECIFICATIONS

Specifications	801.1012	801.1018	801.2012	801.2017
Resolution type	High resolution		Standard	
Type	P120 HR USB	P120 HR USB Constant force	P120 USB	P120 USB Low force
Force <sup>1)</sup>	0.2-0.3N	0.06N	0.4-0.8N	0.2-0.3N
Measuring range	12.7mm		12.7mm	
Resolution	0.01µm		0.1µm	
Max. error	0.6µm		1µm	
Repeatability	0.08µm		0.2µm	
Nb mesures/s	1µm = 300 / 0.1 µm = 100 / 0.01 µm = 25 <sup>2)</sup>		1µm = 300 / 0.1 µm = 100	
Output type	USB		USB	
Cable output	Straight		Straight	

<sup>1)</sup> ± 20%, vertical position / <sup>2)</sup> with D300S V2.0