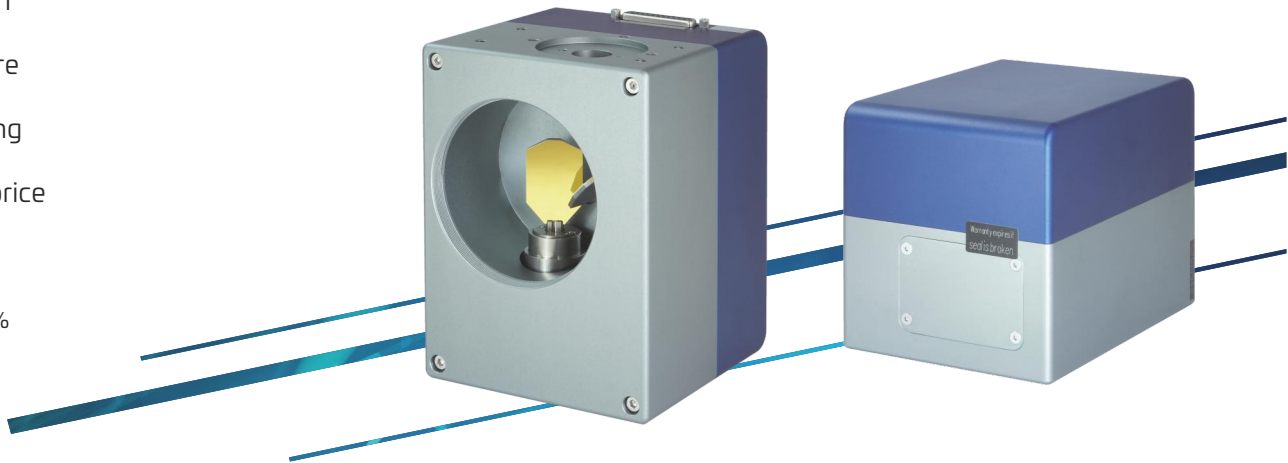


## innoSCAN II - 16

### Features

- » High precision
- » Large Aperture
- » Sealed housing
- » Competitive price

increase in:  
speed: up to 100%  
dynamics: up to 50%



## TECHNICAL SPECIFICATIONS

Input Aperture	16 mm
Wavelength	355, 532, 1064, 10600 nm
Tracking error time	0.26 ms
Writing Speed <sup>1 2</sup>	> 450 cps
Positioning Speed <sup>1</sup>	> 7 m/s
Typical Deflection	± 0.35rad
Resolution	16 bit
Repeatability (RMS)	< 20 µrad
Max. Gain drift <sup>3</sup>	100 ppm/K
Max. Offset drift <sup>3</sup>	50 µrad/K

<sup>1</sup> with F-theta-lens, f = 160 mm

<sup>2</sup> Single-stroke font, 1 mm height

Long-Term Drift (8h) <sup>3</sup>	< 0,3 mrad
Zero Offset	< 6 mrad
Digital Interface	XY2-100 Protocol
Analog Interface	±5V
Ambient Temperature	+15 to +35°C
Storage Temperature	-20 to +60°C
Humidity	≤ 80% Non-condensing
Voltage / Current	15 V±DC / max. 3A
Weight	ca. 3.25 kg
Dimensions L x W x H	156 x 115 x 121.2 mm

<sup>3</sup> Drift per axis

<sup>4</sup> After warming-up

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