

## innoSCAN II - 20

- High precision
- Large Aperture
- Sealed housing
- Competitive price
- Performance improvement



### TECHNICAL SPECIFICATIONS

Input Aperture	20 mm
Wavelength	355, 532, 1064, 10600 nm
Tracking error time	0.32 ms
Writing Speed <sup>1 2</sup>	> 320 cps
Positioning Speed <sup>1</sup>	> 5 m/s
Typical Deflection	± 0.35 rad
Resolution	16 bit
Repeatability (RMS)	< 20 µrad
Max. Gaindrift <sup>3</sup>	100 ppm/K
Max. Offsetdrift <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. 4.2 kg
Dimensions L x W x H	166 x 120 x 148 mm

<sup>3</sup> Drift per axis

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

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