

innoSCAN - 12

Features

- » High precision
- » Compact construction
- » Sealed housing
- » Competitive price
- » Performance improvement



Specification

| Mode | innoSCAN 12 |
|-----------------------------------|--------------------------|
| Input Aperture | 12 mm |
| Wavelength | 355, 532, 1064, 10600 nm |
| Tracking error time | 0.18 ms |
| Writing Speed ^{1,2} | >620 cps / 6000 mm/s |
| Positioning Speed ¹ | >7 m/s |
| Typical Deflection | ± 0.35 rad |
| Resolution | 16 bit |
| Repeatability (RMS) | <20 µrad |
| Max. Gaindrift ³ | 100 ppm/K |
| Max. Offsetdrift ³ | 50 µrad/K |
| Long-Term Drift (8h) ³ | < 0.3 mrad |
| Zero Offset | <6 mrad |
| Digital Interface | XY2-100 Protocol |
| Analog Interface | ±5 V |
| 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. 1,85 kg |
| Dimensions | 118x100.2x94 mm |

¹ with F-theta-lens, f = 160 mm

³ Drift per axis

² Single-stroke font, 1 mm height

⁴ After warming-up