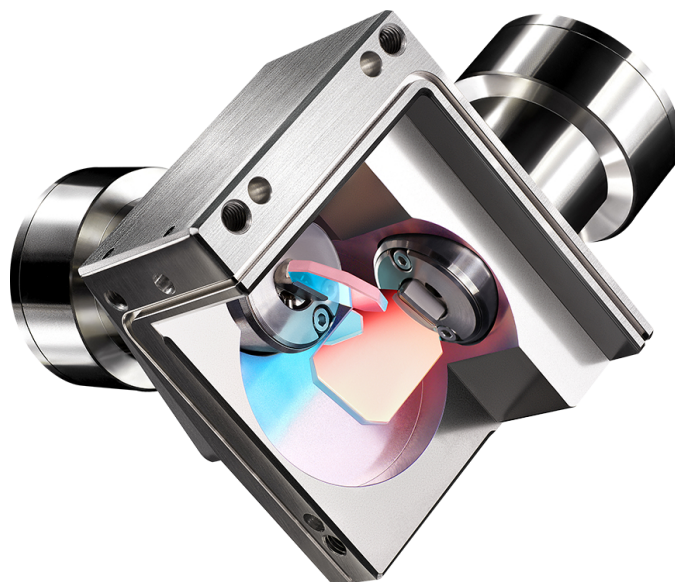


2 D SCAN HEAD

BS-10 Kit

en | Data sheet | 1.0.1

- 2-axis laser deflection unit kit, aperture 10 mm
- Without housing, very compact
- Control via XY2-100 interface
- Outstanding cost-effectiveness



Wavelength	1064 nm ^[1]	Long-term-drift per axis (8 h)	300 µrad
Input beam diameter	10 mm	Cooling method	Passive
Tracking delay	0.14 ms	Control interface	XY2-100-Standard
Writing speed	500 cps	Humidity	80% ^[2]
Max. optical deflection	0.393 rad	Supply voltage DC	15 V
Resolution	12 µrad	Current consumption	3 A
Repeatability (RMS)	22 µrad	Operation temperature	10 – 40 °C
Positioning noise (RMS)	4.5 µrad	Storage temperature	-20 – 60 °C
Max. gain-drift per axis	80 ppm/K	Mechanical dimensions (W × D × H)	88 × 78.6 × 75.25 mm
Max. offset-drift per axis	30 µrad/K	Net weight	0.9 kg

^[1] Other available wavelengths: 355 / 532 / 10600 nm

^[2] Non condensing

