



- ▶ Turn-key VECSEL system (Vertical-External-Cavity Surface-Emitting Laser)
- ▶ Broad wavelength coverage at near infrared
- ▶ Single-frequency
- ▶ Narrow linewidth & tunable
- ▶ Excellent beam quality
- ▶ External doubling setup to visible (optional, shown in photo)

Wavelength	910–1260 nm + 1950–2100 nm, 7xx–8xx nm in development
CW power	1–4 W
Tuning	Typical ~10 THz around the center wavelength
Locked linewidth	~100 kHz (FWHM, 40 ms beatnote with 1120 nm fiber laser)
Beam quality	$M^2 < 1.2$
Frequency locking	With cavity piezo (locking setup not included)
VECSEL head size	250 mm x 160 mm x 120 mm (L x W x H)
Included in the setup	VALO Control Unit for CW operation Low vibration chiller (water to air heat-exchanger)
Optional	External frequency doubling setup to visible (shown in photo above)

