ACCESSORIES

GoCal

Automatic wavelength self-calibration module for IndiGo

GoCal (AutoCal) keeps GoyaLab visible spectrometers accurate over time without external calibration lamps. Mounted on the IndiGo and powered by it, the module excites a rare-earth-doped fluorescent glass with a 365 nm LED; SpectroLab detects more than ten reference peaks across the visible range and corrects the wavelength scale automatically in under 30 seconds.



> 10	380–780 nm	< 30 s	365 nm	0
Reference peaks	Coverage	Calibration	LED excitation	External lamp

Key features

- Rare-earth fluorescent reference glass
- Full-spectrum multi-peak correction
- Powered and controlled by the IndiGo
- Auto-detected by SpectroLab (Auto-Calibration tab)
- Before/after spectra displayed
- Improves traceability and reproducibility

Typical applications

Field instruments · Fleet harmonisation · Quality systems · Long-term monitoring

PRINCIPLE	
Excitation	UV LED, 365 nm
Reference	Rare-earth-doped fluorescent glass tile
Peaks	> 10 across the visible range

OPERATION	
Compatibility	GoyaLab visible spectrometers (IndiGo VIS series, 380 – 780 nm)
Power & control	From the IndiGo
Software	SpectroLab – Auto-Calibration tab
Duration	< 30 s, no user intervention

Ordering information

AR00164 GoCal – automatic wavelength self-calibration module

Part numbers for information – please confirm with GoyaLab when ordering.

About GoyaLab — French manufacturer of portable and process spectrometers based in Talence (Bordeaux). GoyaLab designs compact, connected and affordable spectroscopy instruments — from the smartphone-based GoSpectro to the IndiGo handheld range and the T-Trace in-line process spectrometers — and supports customers in developing their own spectral applications.

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