SMARTPHONE SPECTROMETER

GoSpectro

Turns your smartphone into a visible spectrometer

GoSpectro is a pocket spectrometer that clips onto the camera of a smartphone or tablet. Combined with its mobile app, it measures emission, absorption and reflection spectra over the visible range – an affordable entry point to spectroscopy for education, gemmology and lighting.



400–750 nm	< 10 nm	1 nm	Clip-on	Award
Spectral range	Resolution	Reproducibility	Smartphone & tablet	Prism Award

Key features

- Clip-on mount for smartphones and tablets
- Wavelength calibration with a fluorescent lamp
- Real-time spectrum display and recording
- Optional optical fibre with adapter
- Compatibility guides for smartphones and tablets

Typical applications

Education · Gemmology · Lighting · Colour

MEASUREMENT	
Spectral range	400 – 750 nm
Resolution	< 10 nm
Reproducibility	1 nm

COMPATIBILITY	
Smartphones	iPhone 6s → 16, Galaxy S20 → S25 / A / Note / Z, Pixel 3 → 9, Xiaomi, Huawei/Honor, Sony, Motorola, Oppo
Tablets	iPad range, Samsung Galaxy Tab S & A
Camera position	Main rear camera within 35 mm of the top or side edge (centred cameras not supported)
Operating system	iOS 12+ · Android 8.0+, with the GoSpectro app
Use	Remove thick cases · mount over the main 1× lens
Accessories	Optical fibre with adapter

Ordering information

AR00002 GoSpectro smartphone spectrometer

AR00004 Optical fibre with adapter

AR00010 Optical fibre adapter only

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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