



GoSPECTRO

The power of spectroscopy at your fingertips

THE MOST MOBILE SPECTROMETER ON THE PLANET



COMPACT



EASY TO USE



AFFORDABLE



CONNECTED

GoSPECTRO
SPECTROSCOPY
MADE EASY
AS 1, 2, 3

1 MEASURE

Point to a light source or object with sufficient lighting. Watch the spectrum on the display. Press SAVE to record a spectrum.

2 EXPORT

Send spectra by e-mail, to the cloud or to your computer via USB.

3 ANALYSE

Find peak positions, perform baseline correction and spectral subtraction, compare spectra with databases.



Goyalab

Institut d'Optique d'Aquitaine
Rue François Mitterrand • 33400 TALENCE • France
contact @goyalab.fr

www.goyalab.fr



KEY APPLICATIONS GoSPECTRO



GEMOLOGY

Hands-free analysis
Nanometric scale measurements
Gem analysis, storage & data export
No eye fatigue



AUTHENTICATION

Portable reader for anti-counterfeit labels (fluorescent ink)
Direct authentication of products in real time
Easy to use



EDUCATION & RESEARCH

Playful way to learn spectroscopy with a smartphone
Tutorials available
Affordable material



LIGHTING

Light spectrum characterization
Wavelength calibrated measurement
Optical filters characterisation

KEY FEATURES

- Compatible with most smartphones and tablets
- Dedicated mobile applications (available on Android and iOS)
- Live spectra at video rate
- Auto-calibration



SPECIFICATIONS

- Spectral range: 400 nm - 750 nm*
*Dependent on Smartphone
- Wave length reproducibility: 1 nm
- Software: Android 5.0, iOS 8.0 or more recent version
- Spectral resolution: 10 nm
- Video rate: 10 frames/sec. typical