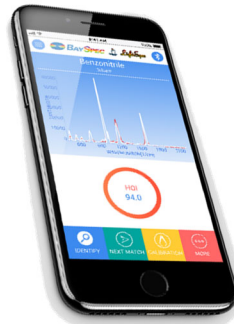


UAV + UGV + Nano LB™



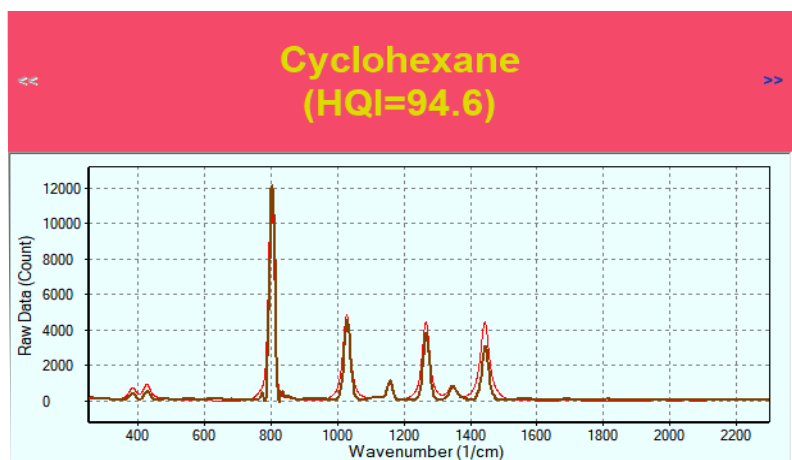
Nano LB™ - Scope out the landscape with miniature molecular sensors from BaySpec, Inc.



Nano LB™ - Molecular intelligence the size of a key fob.



UGV + Nano LB™



Made in the U.S.A.



BaySpec, Inc.

1101 McKay Drive | San Jose, CA 95131 | USA
 (408) 512-5928 | www.bayspec.com

Key Specifications of Nano LB™:

Excitation wavelength	638, 645, 785 nm, or customer specify
Excitation power	~ 100 mW
Spectral range	400 – 2300 cm ⁻¹
Resolution	15-19 cm ⁻¹ (Rayleigh criteria)
Dimensions	63 mm X 39 mm X 17 mm
Weight	63 g
Power	Rechargeable Li-ion battery, ~2 continuously working hours per charge
User interface	LightSpec App for Smartphone (iOS or Android, and PC)
Connectivity	Bluetooth, USB 2.0
Measurement modes	Easy-access hardware buttons ergonomically arranged on device or through software interface

TYPICAL APPLICATIONS:

- Non-medical chemical and biological defense
- Detection of chemical and biological warfare agents
- Detection of chemical hazards
- Detection of explosive materials, e.g. IED's

BaySpec, founded in 2000 with 100% manufacturing in San Jose, California, is a vertically integrated spectral sensing company. BaySpec brings the lab to the sample by designing and manufacturing advanced spectral instruments with an emphasis on light weight and low power consumption. Our miniature UV-VIS-NIR-SWIR spectrometers, chemical sensors, hyperspectral imagers, portable mass spectrometers, and OEM spectral engines and components have been deployed in a wide range of markets such as Safety & Security, Food & Agriculture, Pharmaceuticals, Semiconductor, Healthcare, Telecommunications, and Research & Science.

For more information, please contact our sales department at:

E: sales@bayspec.com

P: (408) 512-5952



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