

MISCELLANEOUS

SPECTROCAPTURE

PORTABLE BIOMOLECULE DETECTION
BY FLUORESCENT TECHNOLOGY



BENEFITS

- Laboratory in a suitcase
- On-site, immediate inspection.
- In 1 minute SpectroCapture can measure the protein, humic component, blue and green algae concentration of the given water on-site.

SPECIFICATIONS

Excitations	280nm, 450nm, 620nm
Sensing	340nm...840nm
Protein	Excitation: 280nm Max. Emission: 350nm
Humic Substances (HSs)	Excitation: 280nm Max. Emission: 460nm
Algae	Excitation: 450nm Max. Emission: 680nm
Cyanobacteria	Excitation: 620nm Max. Emission: 650nm
Operating Temperature Range	0°C...60°C
Measurement Range	<1µg



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CONTACTS



H - 1011 Budapest,
Fő u. 14-18. Building A.



+36 1 201 3271



vexhungary@vexhungary.com



MANUFACTURER

Medirlab Ltd. - Hungary



MINISTRY OF DEFENCE
HUNGARY

WWW.VEXHUNGARY.COM