

Portable Autofluorescence Spectrometer



Applications:

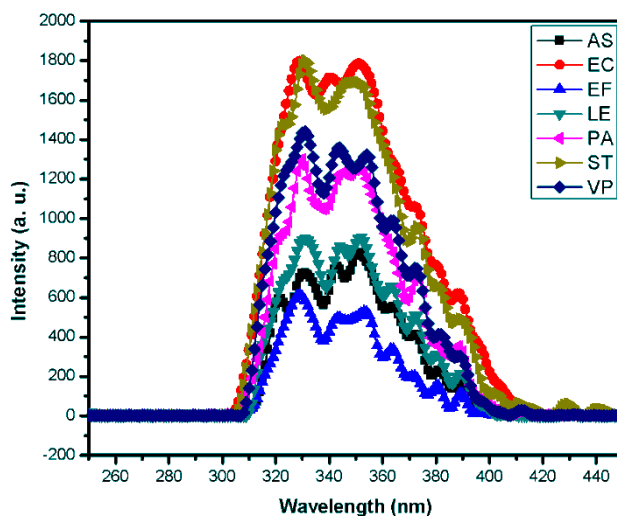
- Detection and identification of water contaminants
- Identification of unknown solid powders and fluids
- Detection and identification of dissolved solids in solution

Excitation Wavelengths: 240nm, 260nm, 280nm, 340nm

Emission Spectrum: from 240nm to 900nm

Response Time: ~ 3 seconds

Size: 240mm x 215mm x 25mm



AS: *Aeromonas sobria*

EC: *Escherichia coli*

EF: *Enterococcus faecalis*

LE: *Legionella spp*

PA: *Pseudomonas aeruginosa*

ST: *Salmonella typhimurium*

VP: *Vibrio parahaemolyticus*

Emission Spectrum from different bacterial pathogens using prototype spectrofluorometer