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Flowgene develops innovative optical systems for life sciences

These technologies systems provide technological breakthrough for dedicated applications :

- Proteomic, with an HPLC / microHPLC / CE detector that provides the scientist an improvement in sensitivity over 100 times when compared with a Diode Array Detector.

This detector is ideal for Mass-Spec users.

- Clinical diagnostic, with a Volatile Organic Compound analyzer , built around a CE instrument. This instrument provides sensitivity performances at least at the human nose level, with a reproducibility around 90%.

Applications : biological fluids vapor analysis,

that might lead to cancer detection.

- Environment, with an Oil-Fog detector . This instrument is designed to detect and oil-fogs in close environment, with a

typical oil-fog concentration of 0.1 mg/m³.

Reproducibility is around 90%.

- Environment, with a Water analyzer . This instrument is currently under development, and is designed to detect, identify and quantify compounds at very low concentration in sea water.

Visit also our partner Photon Systems Inc. for deep UV lasers information Last update September 2015