

# Fluoropath

## Introduction

Fluoropath is a compact and reliable electro-optical Instrumentation prototype for measurement of change in fluorescence value in the presence of pathogens (virus and bacteria's)

## Features

- Light Source: White LED
- Detection Mode: Fluorescence
- Detector: Silicon Photodiode
- Detection Limit: 10 nm
- Weight: 1.1 kg
- Dimensions: 20 x 15 x 5.5 cm
- Calibration: Self Calibration
- Sensitivity:  $10^4$  to  $10^5$  cells/ml

## Validated For

- E-Coli
- Kiebsiella
- Proteus Valgaris
- Enterococcus

**Status: TRL 4: Ready for Technology Transfer**

