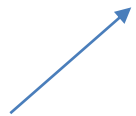
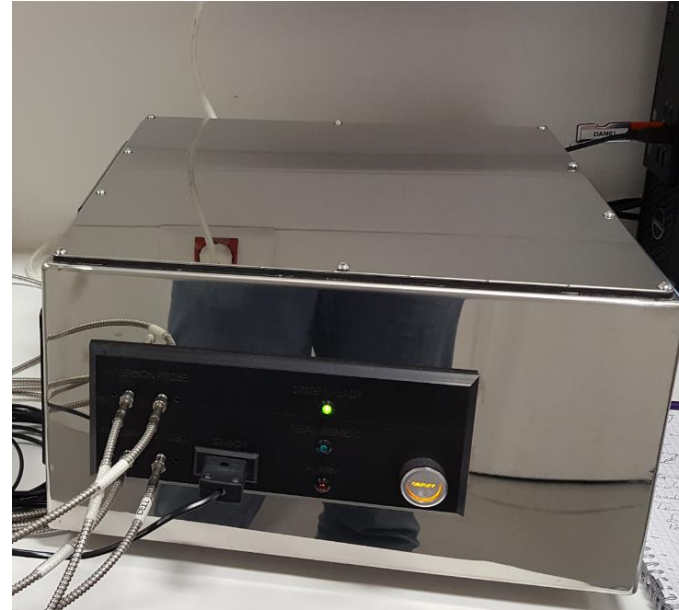


INDATECH

UV-VIS analyser

System presentation



Uv light source (with shutter)
 Can be change directly from the side
 2 lamps option for two simultaneous channel



2 Channel an one temperature probe
 LED to indicate system status (power on, off and uv light source on)
 Stainless steel, electropolished

SPECIFICATIONS

light source :185-1100nm. (all detail next slide); With shutter (to avoid over exposure of the product to uv) , lamp can be triggerred to extend bulb life

Spectrometer – 200-750nm

. Option for a 200-1000nm possible

Stainless steel box

Safety (UV) : fiber connexion have a double connexion.

Protection from direct illumination from the operator

Possible options

- Hardware
 - Two output channel (2 light sources and two spectrometer)
 - One internal spectrometer to measure light source reference in the same time as the reference
 - Measurement of temperature (on a flow cell for example)
- Communication
 - OPC-UA communication (SyntQ, Process pulse, SIPAT)
 - Model importation (e.g PLS toolbox)

Possible accessories

- Transmission probe
- Transflexion probe / reflexion
- Flow cell (e.g 1/8)
- Retractable fitting to remove the probe during the process (e.g cleaning, calibration, maintenance)



Customer testimonial



Indatech provided our development group a completed custom made PAT system, for a continuous monitoring and online release of our products.

This system has been designed for an easy development and method transfer, reaching responses time 60 times faster than the competition (1s response time compared to 60s) and an equipment flexibility that cannot be found in the pharma standard equipment suppliers.

We have been provided with a full support from Indatech team either on process and on technical development.'

Exemple of applications



- Prediction of protein concentration during a continuous down stream process
- Analysis of water to identify residual API concentration
- Analysis of nanoparticle suspensions
- Analysis of color for detergent product in chemical industry
- Analysis of color for beverage