

# IC-VIS

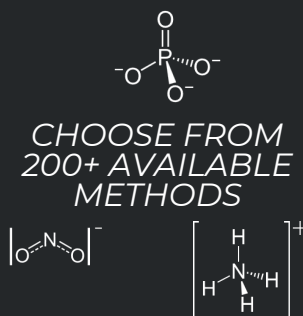
BY SPEC-IMAGING

TURBID WATER  
CLEAR RESULTS



ACCURATE.  
VERSATILE.  
EFFORTLESS.

## WHAT IS IC-VIS?



IC-VIS is a **precision colorimeter** that measures **chemical concentrations** in turbid liquids—**no filtration needed**. It ensures **fast and reliable analysis** for quality control and process optimization.



## WHY IC-VIS?



### ACCURATE

You don't need to keep track of the turbidity - IC-VIS will do it for you.

Automatic turbidity compensation ensures accurate results—no filtration required.



### VERSATILE

You decide the reagent type and brand - IC-VIS adapts instantly.

Choose from 200+ methods to measure phosphate, COD, nitrite, phenols and many more!

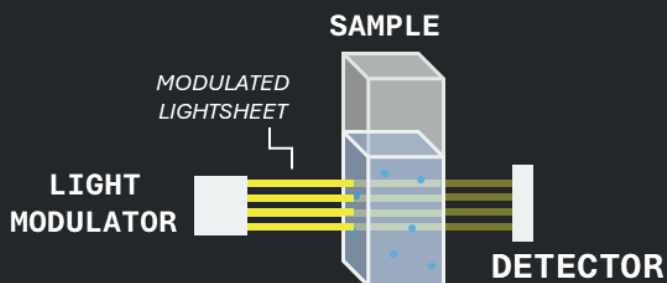


### EFFORTLESS

You don't need to filter anymore - IC-VIS can handle it.

Simplified sample prep saves you time, even with turbid samples.

# HOW?

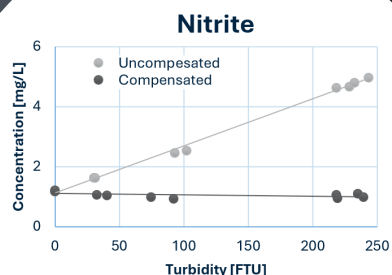


## By using a modulated lightsheet!

The modulated light provides information about the turbidity - so we can compensate for it!

BASED ON  
10+ YEARS OF  
RESEARCH.

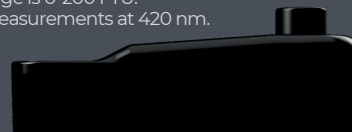
More turbidity, same concentration.



# SPEC-S

| Specifications                         | Details                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Battery</b>                         | 4 AA, around 2 months @ 10 measurements/day (5 days/week)                                          |
| <b>Certifications</b>                  | CE, UKCA, FCCm CAN ICES-3 (A) NMB-2 (A)                                                            |
| <b>Content</b>                         | Colorimeter, unit lid, cuvette holders, sample cover, blank cuvettes, batteries, tool, start-guide |
| <b>Cuvette compatibility</b>           | 10 mm square, 13 and 16 mm round                                                                   |
| <b>Data logging/transfer</b>           | 100 latest measurements/QR-code for data transfer                                                  |
| <b>Detector</b>                        | CMOS                                                                                               |
| <b>Dimensions</b>                      | 215 mm x 96 mm x 60 mm                                                                             |
| <b>Display</b>                         | LCD-IPS, backlit                                                                                   |
| <b>Language</b>                        | English, French, Swedish                                                                           |
| <b>Light source</b>                    | LED                                                                                                |
| <b>Measurement type</b>                | Concentration, absorbance/optical depth/ transmission, turbidity                                   |
| <b>Methods</b>                         | Preprogrammed and programmable                                                                     |
| <b>Operating temperature</b>           | 0-40 °C (max relative humidity 90% non-condensing; max 2000m)                                      |
| <b>Photometric accuracy/range</b>      | ±0.03 abs / 0-3 <sup>a</sup> abs                                                                   |
| <b>Photometric repeatability (std)</b> | ±0.001 <sup>b</sup> abs                                                                            |
| <b>Power requirement</b>               | 4 AA LR6 alkaline batteries or HR6 NiMH AA rechargeable batteries                                  |
| <b>Protection class</b>                | Class III                                                                                          |
| <b>Turbidity range</b>                 | 0-600 FTU                                                                                          |
| <b>Turbidity compensation range</b>    | 0-400 <sup>c</sup> FTU/ particles >5 µm                                                            |
| <b>Turbidity accuracy</b>              | ±10 FTU <sup>d</sup>                                                                               |
| <b>Storage temperature</b>             | -25-48 °C (max relative humidity 90% non-condensing)                                               |
| <b>Warranty</b>                        | 1 year                                                                                             |
| <b>Wavelengths</b>                     | 420 nm, 520 nm, 560 nm, 610 nm                                                                     |
| <b>Weight</b>                          | 690 g                                                                                              |

<sup>a</sup> - Up to 3 abs for 520, 560 and 610 nm. Up to 2 abs for 420 nm.  
<sup>b</sup> - at 520 nm  
<sup>c</sup> - for measurements done at 520, 560 and 610 nm. For measurements done at 420 nm the range is 0-200 FTU.  
<sup>d</sup> - for turbidity measurements at 420 nm.



# IC-VIS PORTAL

WWW.SPEC-IMAGING.COM

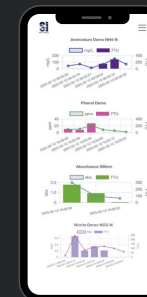


## METHODS

Method Library with 150+ methods for direct download to your IC-VIS.

## DATA

Data available for download instantly to your phone.



## QR-CODE

Seamless IC-VIS communication via QR codes—fast and efficient.

# GET IN TOUCH

info@spec-imaging.com  
+46 76 009 81 05

www.spec-imaging.com

Spec-Imaging AB  
Ideogatan 3A  
Ideon Science Park  
223 62 Lund · Sweden

