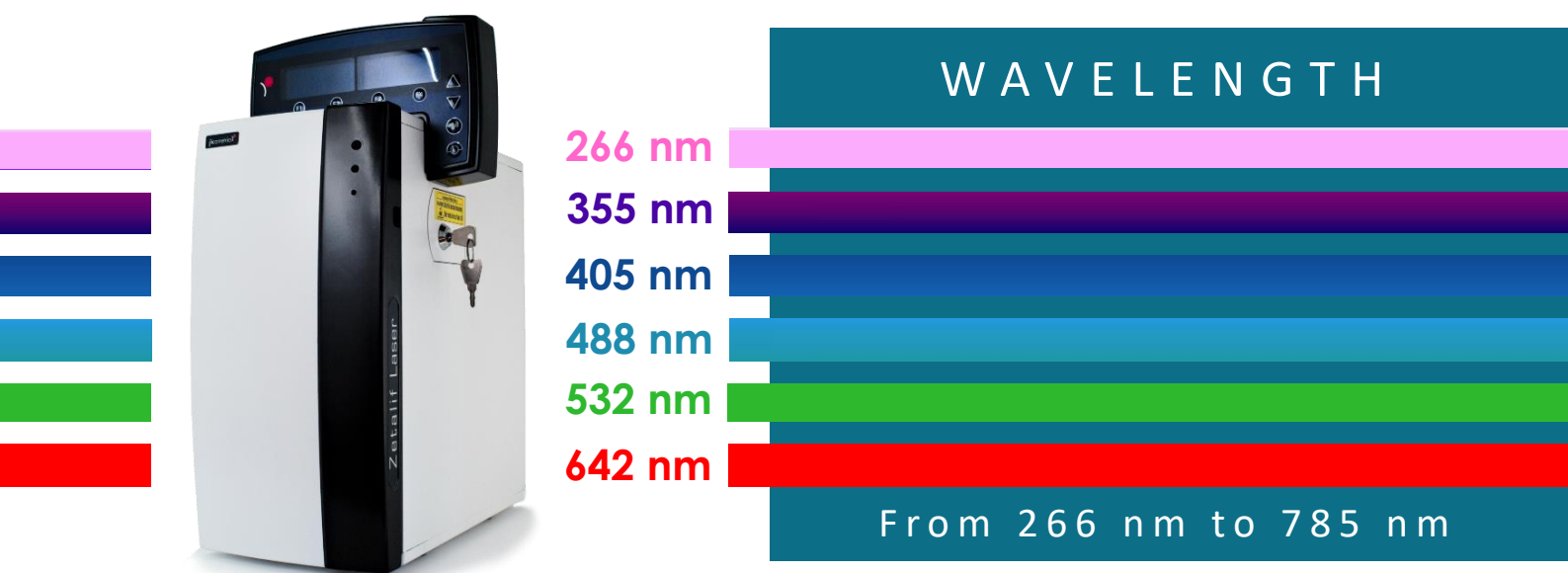


## LASER) Induced Fluorescence Detector



### Key Benefits

- **Ultra Sensitivity** for CE and LC
- Versatile Detector with Lasers from 266nm to 785 nm available for various applications
- Native fluorescence detection at ultra trace level with low noise and interference
- Easy to set up
- On-line CE or LC-LIF-MS

Our detector is commonly employed in R&D and Quality Control laboratories in pharmaceutical companies, research institutes and universities in Europe, North America and Asia.

## HOW TO CHOOSE YOUR WAVELENGTH

| MOLECULES   | DYES  | nm         |
|---|---|------------|
| <ul style="list-style-type: none"> <li>• Peptides</li> <li>• Proteins</li> </ul>  | <ul style="list-style-type: none"> <li>• Native fluorescence</li> </ul>   | 266        |
| <ul style="list-style-type: none"> <li>• Mono, polysaccharides</li> </ul>   | <ul style="list-style-type: none"> <li>• 2AB (2-aminobenzamide)</li> <li>• 2AA (2-amino-benzoic-acid)</li> </ul>  | 325<br>355 |
| <ul style="list-style-type: none"> <li>• Amino acids</li> </ul>   | <ul style="list-style-type: none"> <li>• NDA (Naphthalene-2,3-dicarboxaldehyde)</li> </ul>  | 405<br>445 |
| <ul style="list-style-type: none"> <li>• Amino acids, peptides, neuropeptides</li> <li>• Immunoglobulins, IgG</li> <li>• Polysaccharides</li> </ul> | <ul style="list-style-type: none"> <li>• FITC (Fluorescein isothiocyanate)</li> <li>• FQ (3-(2-furoyl)quinoline-2-carboxaldehyde)</li> <li>• APTS (8-Aminopyrene-1,3,6-trisulfonic acid trisodium salt)</li> <li>• FAM (fluorescein amidite)</li> <li>• Yoyo-1 iodide, SYBR Green</li> <li>• Cy2</li> </ul> | 488        |
| <ul style="list-style-type: none"> <li>• Nucleic acids (DNA/RNA/Aptamer)</li> <li>• Nucleic acids (DNA)</li> <li>• Oligonucleotides</li> </ul>      |   | 515        |
| <ul style="list-style-type: none"> <li>• Immunoglobulins, IgG</li> </ul>  | <ul style="list-style-type: none"> <li>• 5-Tamra.SE (5-carboxytetramethylrhodamine succinimidyl ester)</li> <li>• Cy3</li> </ul>  | 532        |
| <ul style="list-style-type: none"> <li>• Oligonucleotides</li> </ul>  |   | 642        |
| <ul style="list-style-type: none"> <li>• Oligonucleotides</li> </ul>  | <ul style="list-style-type: none"> <li>• Cy5</li> </ul>   | 785        |

### Interface with CE System

#### With Agilent Technologies 7100 CE:

- Detection inside of Agilent cassette
- LIF Driver for a full control of the detector into Agilent OpenLab software

#### With other CE:

- PrinCE Next
- Wyn-CE

### Interface with HPLC System

- Compatible with all LC systems
- Optimal sensitivity is achieved at flow rates < 0.5 mL/min

### Interface with MS System

- Online CE-LIF-MS
- Online LC-LIF-MS
- Detection cell close to MS system



US patents 5,926,271 & 7,158,227 B12  
Fr Patent 2827 958

### Contact us

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### Analysis Services

Thanks to our experience in many applications fields such as antibodies, glycans, amino acids, nucleic acids..., we offer a wide range of analysis services through our laboratories and can provide tailor-made solutions to customers:

- Customised consulting services (sample processing)
- Development of methods
- Training on CE-LIF systems (labelling process, method of analysis...)