



# Wyn-CE

## The Modular Capillary Electrophoresis System

**An innovative modular design:** The instruments are made with modules incorporated in one housing. The choice of modules allows to build a configuration matching your needs, from education purpose to research in capillary electrophoresis, and allows to modify it later.

### For Education

The product, in its simplest configuration allows an easy access and visibility to the main parts of the instrument, to have a better understanding of the separation process.

Its manual sampler is easy to handle, and a control/display interface based on a rugged touch panel offers simple menus and direct control functions.

Flushing of capillary and injection are performed by a simple and rugged vacuum system, applied on the cathode end of the capillary.

The instrument is equipped as standard with a UV absorbance detector, and adjustable wavelength, which can be completed by a contactless conductivity detector.



### For Research

The instrument, equipped with one of the autosamplers, becomes the tool of choice to perform automatic sequences of runs. The module can have one or two carousels, for 16 to 32 samples.

A pneumatic module can be installed for flushing and injection under positive pressure. The standard detectors are UV/VIS and Diode Array\*.

All the versions can be connected to external detectors, such as Laser-Induced Fluorescence, Mass Spectrometer.

\*For any DAD request please contact WynSep or your local Sales Representative



### The Main Features

#### Modules:

- Manual sampler or autosamplers modules
- Pneumatic modules : vacuum or positive pressure
- Standard or External (for external detector) Cartridge Module
- HMI module : Control and display by touch panel
- Detection modules : UV-absorbance detector with adjustable wavelength, contactless conductivity detector, DAD

#### Common features:

- Injection : hydrodynamic low pressure, or electrokinetic
- Bipolar high voltage : 0 to  $\pm 30$  kV
- Temperature regulation of the capillary :  $15$  to  $50^{\circ}\text{C} \pm 0,1^{\circ}\text{C}$
- Compartment for tools and accessories
- Dimensions :  $385 \times 530 \times 445$  (width x height x depth)
- Analog output 0-1V for connection to any data system





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## The Configurations for “What You Need”

**Configurations to fit all the needs:** WynSep has pre-configured 5 systems covering teaching and R&D activities.

**Special configurations/Upgrades** with a choice among various modules are available upon request.

**All these configurations** have a Standard Wyn-CE Base platform with user friendly 5,7" LCD adjustable touchscreen, power supply, capillary thermal regulation and accessory drawer.

### Configurations for Education

WynSep has selected two configurations with UV/VIS detector for teaching capillary electrophoresis. These configurations are designed to provide simple, didactic and cost effective solution.

- **Wyn-CE Comprehensive Teaching:** The CE base platform is supplied with a manual sampler and a vacuum pressure module. This is all **What You Need** to learn the Capillary electrophoresis to the students.
- **Wyn-CE Advanced Teaching:** The autosampler 16 positions allows more productivity. This configuration is recommended for method development during practical courses.

### Configurations for Research & Development

WynSep has selected three configurations for capillary electrophoresis R&D studies. These configurations are designed to provide flexibility and high performance. All are supplied with positive pressure module

- **Wyn-CE Comprehensive R&D:** The CE base platform is supplied with a UV/VIS detector, 16/10 positions autosampler (two carousels).
- **Wyn-CE Advanced R&D24\*:** The advanced R&D24 configuration is supplied with a Diode Array detector and a high productivity 24/10 positions autosampler (two carousels).
- **Wyn-CE Advanced R&D32\*:** The advanced R&D32 configuration is supplied with a Diode Array detector and a high productivity 32 positions Carousel for both anode and cathode.

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### Special Configurations

“What You Need” is our mission statement. We can supply special configuration especially in the following cases:

- **Upgrade:** any configuration can be upgraded by adding a module. Please send your request to WynSep or your local distributor.
- **External Detector:** You can use the External Cartridge to connect a third party detector to the Wyn-CE. Please send your request to WynSep or your local distributor.
- **Customized Configurations:** All configurations are available upon request to WynSep.