



## C<sup>4</sup>D System Bundle (Model ER283)



### Description

The ER283 C<sup>4</sup>D bundle (capacitively-coupled, contactless conductivity detector) can be used for capillary electrophoresis (CE), microchip electrophoresis (MCE) and ion chromatography (IC).

Contactless conductivity detection can be used for virtually all charged species: inorganic anions and cations, as well as organic ions, such as salts of carboxylic acids, amines, amino acids, peptides, proteins, DNA fragments, antibiotics and many other pharmaceutical compounds.

The C<sup>4</sup>D Bundle is used in laboratories around the world, connected to capillary electrophoresis instruments from companies such as Agilent, Beckman Coulter, Prince and Waters, as well as homemade capillary electrophoresis instrumentation. It can also be used as a detector for ion chromatography and electrophoresis of ionic species using microfluidic chips.

The C<sup>4</sup>D bundle comes complete with C<sup>4</sup>D Amp, data recording unit and software. The headstage, for either capillary electrophoresis or microchip electrophoresis, and a computer are NOT included.

### System Components

- EA120 [C<sup>4</sup>D Amp](#)
- ER280 [PowerChrom Unit](#)
- ES280 [PowerChrom Software](#)

### Additional Components Required

- ET120 [C4D Headstage for capillary electrophoresis](#)
- ET121 [C4D Microfluidic chip platform](#)