



## Microchip Electrophoresis Bundle (Model ER455)



### Description

The ER455 bundle is a system for microchip electrophoresis experiments. It includes the C<sup>4</sup>D Data System, High Voltage Sequencer (HVS), the chip platform, chips and documented test solutions. It must be used with either the ET145-4 or ET190-2 chips. The bundle also includes PowerChrom software for data collection and analysis, and QuadSequencer software for controlling the HVS unit.

The ER430 is a four channel HVS unit for experiments with floating, gated or pinched injections.

Capacitively-Coupled Contactless Conductivity Detection (C<sup>4</sup>D) 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.

### System Components

#### ER455 Microchip Electrophoresis Bundle

- ER225 [C<sup>4</sup>D Data System](#)
- ER430 [High Voltage Sequencer](#)
- ET225 [Micronit Chip Electrophoresis Platform](#)
- EC20 [Standard Test Solutions](#)
- and either:
  - ET145-4 [Pack of four 45 mm Micronit MCE chips](#)
  - ET190-2 [Pack of two 90 mm Micronit MCE chips](#)