



C⁴D Headstages for Capillary Electrophoresis, Ion Chromatography and Flow Injection Analysis

C⁴D Headstage for Capillary Electrophoresis (ET120)



C⁴D Headstage for CE

Description

A capillary tube (360 to 365 µm outer diameter) is passed through this headstage where a pair of internal ring electrodes are positioned. A high frequency AC signal is passed between the electrodes, and the conductivity of the solution in the capillary affects the received AC amplitude.

Dimensions of headstage are 30 × 26 × 13 mm (l × w × h).

The headstage is connected to any eDAQ C⁴D unit, which generates the excitation waveform, and provides signal filtering and offset.

- Compatible with most CE systems
- Use with silica or plastic capillary (360 to 365 µm OD)
- Compatible with all eDAQ C⁴D units
- Internal electrodes never require maintenance or cleaning

Installation is easy: simply slide the capillary through the headstage. There is no need for windowing (scratching off the capillary's polyimide coating) as with optical detectors.

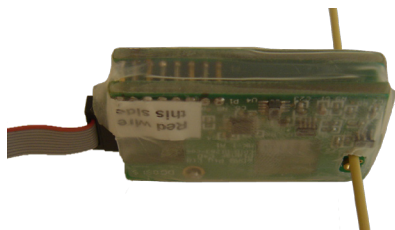
A model for capillaries with 150 µm outer diameter is also available.

Compatibility

Can be used with any eDAQ C⁴D unit, such as the C⁴D Data System (ER225), C⁴D Amp (EA120) or C⁴D Detector (ER125).

Compatible with most CE systems, including Agilent and Beckman Coulter.

General Purpose C⁴D Headstage (ET125)



ET125 with 1/16 inch HPLC tubing

Description

The operation of this C⁴D headstage is similar to that of the ET120, described above. This headstage is adapted when ordered, to fit one specific tubing size of 1/8 inch (3 mm) outer diameter or less. The user must specify the size of tubing that is to be used for their application.

Dimensions of headstage are 44 × 24 × 10 mm (l × w × h).

- Connects to tubing used in IC, FIA or CE
- Made to fit one size tubing of 1/8 inch (3 mm) or less
- Compatible with all eDAQ C⁴D units
- Internal electrodes never require maintenance or cleaning

Compatibility

This C⁴D headstage can be used with any eDAQ C⁴D unit. The C⁴D unit provides the high frequency AC signal.

It connects to tubing used in ion chromatography (IC), flow injection analysis (FIA) or capillary electrophoresis (CE).