Flow Injection Analysis (FIA) System with Electrochemical Detection

Flow Injection Analysis (FIA) system with Electrochemical Detection (FIA-ED) has many applications in the laboratory and in process control as it is a powerful tool for analysis. Its versatility relies in its self-adaptation for different configurations depending on the design of the chemical experiment.

FIAEC200/300/400 is a package with all the needed components to set up a flow-injection system with Screen-Printed Electrodes:

- **Peristaltic Pump** (ref. PPUMP).
- **PVC tubes for peristaltic pump**, including several diameters (ref. PVCTUBE).
- **Manual Sample Injection Valve**, including 0.5 mL, 1.0 mL and 2.5 mL sample loops (ref. VALVE).
- **Flow-Cell** for Screen-Printed Electrodes (ref. FLWCL).
- **Flow-fittings Pack**, including 2 nuts for grippers, 2 grippers and 80 cm of tubing 1/16 (ref. FLOWFITTINGS).
- **μStat 200 Bipotentiostat** (ref. STAT200), **μStat 300 Bipotentiostat** (ref. STAT300) or **μStat 400 Bipotentiostat/Galvanostat** (ref. STAT400), depending on customer’s instrument choice. These instruments include:
  - Boxed connector for screen-printed electrodes (ref. DSC)
  - μSTAT Cable connector for screen-printed electrodes (ref. CAST)
  - Cable connector for any kind of electrode
  - 75 screen-printed carbon electrodes reference (ref. 110)
  - USB connector and DropView Software.
- Two **bottles** as reservoir and waste containers, tubing, Teflon tape and a test tube.
- **FIAEC200/300/400** is a package with all the needed components to set up a continuous flow-injection system.
- **FIAEC** is a package with all the components needed unless DropSens’ bipotentiostats/galvanostats.

Related products

| 110 | 220 | 110CNT | 410 | FLWCL | STAT400 |

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