

# ECV2010

## FRACTION COLLECTOR

**ECV2010** for automation of flash and preparative purification. It collects fractions according chosen method which can be created using **ECOMAC** software.

Fraction collector is equipped with selector rotary valve with 10 positions. Single stream is directed to selected outlet. It is gradually collected liquid outflowing from detector of the liquid chromatography system. Valve switches between 10 outlets. One of them is used as waste and others are used for collecting samples.

### Fraction collector operating modes:

- Collect all
- Level (different up and down value)
- Slope (different up and down value)



- Time shift of all collection functions.

### Fraction collector functions main features:

- Unit simplicity
- Easy programming of fraction collection
- Compact size fits in most fume hoods

### SPECIFICATION

| SELECTOR VALVE                   |                                         |
|----------------------------------|-----------------------------------------|
| Number of positions              | 10                                      |
| Maximum operating pressure       | max. 1.72 MPa (250 psi)                 |
| Maximum flow rate (water)        | max. 500 ml/min                         |
| Maximum temperature              | max. 75°C                               |
| Orifice                          | 1.5 mm (0.060")                         |
| Wetted materials                 | FEP, PEEK, CTFE, PPS, Valcon E2         |
| Thread for tubing connection     | 1/4"-28                                 |
| Inlet/outlet tubing              | FEP tubing OD 1/8" x ID 1/16"           |
| COMMON PARAMETERS                |                                         |
| Communication                    | RS232, Ethernet (LAN), USB              |
| Power supply                     | 100-240 V 50/60 Hz 110 VA               |
| Dimensions (W x H x D)           | 280 x 135 x 498 mm (11" x 5.3" x 18.9") |
| Weight (without racks and tubes) | 6.6 kg (15 lb)                          |