

# ECB2005

## PREPARATIVE GRADIENT BOX

**Box** is suited for handling liquids in ECOM gradient systems. It accommodates a container for solvent bottles and **four-way gradient valve**.

**Four-way gradient valve** is controlled from the pump **ECP2200, ECP2300** and gradient box ECB2005 must be ordered with pump.

Pump new sophisticated electronics allows achieving precise **low-pressure gradient**, i.e. gradual **changes of mobile phase composition** by mixing **up to four liquids** at the pump's entry.



It is also possible to predefine the percentage of composition when using the pump in isocratic mode.

Gradient profile can be defined through the computer or manually, using display and keypad. Up to **three 2L and one 1L mobile phase reservoirs** may be put into the box.

### SPECIFICATION

Number of gradient valves	4 (A, B, C, D)
Maximum operating pressure	0.3 MPa (43.5 psi)
Fluid temperature	0 to 50°C
Orifice	0.079" (2 mm)
Inside volume of valve for each channel	329 ul
Wetted materials	FEP, PEEK, Kalrez®
Connecting thread	5/16"-24 flat bottom
Power supply	Powered from the pump
Inside box dimensions (w x h x d)	267 x 56 x 305 mm (10.5" x 2.2" x 12")
Dimensions (w x h x d)	280 x 135 x 498 mm (11" x 5.3" x 18.9")
Weight	5.7 kg (12.6 lb)

