

ECB2007

GRADIENT BOX WITHOUT DEGASSER

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 pumps ECP2010, ECP2010H, ECP2050 and gradient box ECB2007 must be ordered with pump.

Pumps have new sophisticated electronics which 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 from computer or manually using display and keypad.

Up to **6 mobile phase reservoirs** LCT 02 (1L) may be put into the box.

SPECIFICATION

Gradient valve	
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 + common volume	297 ul + 24 ul
Wetted materials	FEP, PEEK, Kalrez®
Common parameters	
Connecting thread	1/4"-28 flat bottom
Power supply	Powered from pump
Inside box dimensions (w x h x d)	267 x 56 x 305 mm
Dimensions (w x h x d)	280 x 135 x 498 mm
Weight	5.7 kg (12.6 lb)

