

ECB2008

BOX WITH DEGASSER



Box is suited for handling liquids in ECOM isocratic systems. It accommodates a container for solvent bottles and built-in **high-efficiency on-line degasser**.

Degasser unique design assures reliable operation and the highest level of continuous performance available **without the need for helium degassing**. Up to four solvent lines may be degassed simultaneously by one unit. **Extremely low internal volume** of each Systec AF™ channel

(480 µl) offers very fast equilibration and **very short startup times** compared with PTFE degassing channels which have the same degassing efficiency.

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

SPECIFICATION

Degasser	
Degasser channels	5 independent
Degassing process	Gas permeation through a fluoropolymer membrane
Maximum flow rate	10 mL/min.
Maximum operating pressure	0.5 MPa (70 psi)
Degassing capacity	~2 ppm at 1 mL/min.
Degassing efficiency per channel	up to 3mL/min excellent, up to 5 mL/min sufficient
Dead volume of degasser channel	~480 µl per channel for standard channel
Wetted materials	Systec AF™, PPS, Glass-filled PTFE, Stainless Steel 316
Common parameters	
Wetted materials	FEP, PEEK, KEL-F, PTFE, PS, Tefzel™
Connecting thread	¼"-28 flat bottom
Power supply	100-240V 50/60Hz 40VA
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	6.9 kg