



PLCC 20
High Flow Preparative Cell
 P/N 21000000

is used in **preparative and flash** liquid chromatography with **high flow rate** of mobile phase. The cell is assembled **outside of detector** and it is connected with unit using **optical fiber cable**. Therefore it is used in **explosion or contamination hazard** applications. **Fluent change of optical path length** allows adjust the cell according user's needs. The shortest optical path length of cell allows working with very high denseness of liquids with linear response of absorbance **without flow rate limitation**.

UV Detectors for PLCC 20 cell signal evaluation have to be assembled with **SMA output and input connectors**. From **ECOM production** they are:

- OPAL EX** Detector with optical connectors
- SAPPHIRE EX** Detector with optical connectors
- TOPAZ EX** Detector with optical connectors

Specification

Optical path – Basic continuously changeable	0.1 to 1.5 mm
Discontinuous changes of basic optical path	+1 and +2 mm
Connecting thread of inlet nipple	NPT 1/4"-18
Inlet ID	1/4"
Inlet OD	1/2"
Maximum flow rate	15 l/min by 0.5 MPa pressure
Dimensions:	
Diameter	50 mm
Height	125 mm
Length	75 mm
Weight	0.5 kg
Materials of the cell	PTFE, fused quartz, stainless steel.