

HPLC COLUMNS FOR PREP CHROMATOGRAPHY

Columns for Medium Pressure with axial bed compression

Medium pressure stainless steel column are intended for separation where high pressure is not necessary, but high efficiency can be still expected. **Separchrom** PC02 fill requirements of many users. They are made of cutted and polished stainless steel tubes and equipped with ultra high molecular weight polyethylene made pistons on input and Poremet® stainless steel (AISI 316 L) frits with porosity 5 µm and minimum hydraulic resistance. Flow distributors are incorporated in to the piston and output flange. Patented liquid distributing system guarantees perfect piston flow. Columns have functional stroke of the input piston approximately 60 % of the inner diameter of the column when working with flange bolts and higher when hydraulic cylinder is used.

Columns for laboratory applications

Type of column	I.D. mm	Length mm	Pressure bar	Note
SEPARCHROM PC02 -25/50	25	50	70	
SEPARCHROM PC02 -25/250	25	250	70	
SEPARCHROM PC02 -50/250	50	250	50	
SEPARCHROM PC02 -50/500	50	500	50	
SEPARCHROM PC02 -100/250	100	250	40	
SEPARCHROM PC02 -100/500	100	500	40	

Columns for industrial applications

Type of column	I.D. mm	Length mm	Pressure bar	Note
SEPARCHROM PC02-100/250	100	250	40	
SEPARCHROM PC02-100/500	100	500	40	
SEPARCHROM PC02-150/300	150	300	40	
SEPARCHROM PC02-150/600	150	600	40	
SEPARCHROM PC02-200/400	200	400	35	
SEPARCHROM PC02-200/800	200	800	35	
SEPARCHROM PC02-300/300	300	300	30	
SEPARCHROM PC02-300/600	300	600	30	
SEPARCHROM PC02-400/400	400	400	20	
SEPARCHROM PC02-400/800	400	800	20	
SEPARCHROM PC02-500/500	500	500	10	
SEPARCHROM PC02-500/1000	500	1000	10	
SEPARCHROM PC02-600/600	600	600	5	
SEPARCHROM PC02-600/1200	600	1200	5	