

separpress

Hydraulic systemS for prep chromatography columns

Hydraulic system SEPARPRESS for prep chromatographic columns. Used to compress the piston inside the column and to compact the sorbent. Supplied as a kit that includes a hydraulic cylinder - double action (D) or with spring (S) with connecting hoses, oil pump - manual (M) or driven by motor (E) with control device - mechanical manometer (M) or electronic system with pressure gauge (E).

Type and specification	Power t	Stroke mm	Note
SEPARPRESS S005 MM 080	5	80	
SEPARPRESS S005 MM 180	5	180	
SEPARPRESS S005 MM 240	5	240	
SEPARPRESS D005 MM 150	5	150	
SEPARPRESS D010 MM 150	10	150	
SEPARPRESS D010 MM 250	10	250	
SEPARPRESS D020 MM 150	20	150	
SEPARPRESS D020 MM 250	20	250	
SEPARPRESS D030 MM 150	30	150	
SEPARPRESS D030 MM 250	30	250	
SEPARPRESS D050 MM 150	50	150	
SEPARPRESS D050 MM 250	50	250	
SEPARPRESS D100 MM 150	100	150	
SEPARPRESS D100 MM 350	100	350	
SEPARPRESS D150 MM 330	150	330	
SEPARPRESS D010 EE 250	10	250	
SEPARPRESS D020 EE 250	20	250	
SEPARPRESS D030 EE 250	30	250	
SEPARPRESS D050 EE 250	50	250	
SEPARPRESS D100 EE 350	100	350	
SEPARPRESS D150 EE 330	150	330	
SEPARPRESS D030 EEB 250	30	250	
SEPARPRESS D050 EEB 250	50	250	
SEPARPRESS D010 AM 250	10	250	
SEPARPRESS D020 AM 250	20	250	
SEPARPRESS D030 AM 250	30	250	

First three numbers defines the maximum compressive strength of the piston in tons, next three numbers define the maximum stroke of the piston in mm

EEB -supplied as a box UP, DOWN, HOLD buttons on the front panel, column is inserted in a frame on top side of the box.

AE - Electronic control of solenoid valves, oil pump driven by compressed air, electronic pressure gauge

AM - Mechanical valves control, oil pump driven by compressed air, mechanical gauge

All Separlab made columns are designed and manufactured in accordance with EU regulation for pressure vessels and can be delivered with PV certificate. All stainless steel columns can be delivered with ATEX certificate as well.