

FRACTION COLLECTORS FOR INDUSTRY

Fraction collectors **separflow** FC X-Y are designed to capture fractions in prep liquid chromatography. However, they can be used in other facilities where programmed collecting of liquid volume is required. It is designed for liquids, which are resistant to stainless steel, PTFE (polytetrafluoroethylene) and UHMW polyethylene.

separflow FC X-Y typically consists of a box of electronics with the keyboard and the display on oblique front panel and a circular stainless steel segment with a radial groove which cross section is equivalent to a tube with I.D. X mm. The groove is connected to the liquid input and Y solenoid valves on output. Opening various valves is programmed. The outlet valves pipes are connected to flexible hose and to the liquid containers of proper size.

Collector can be controlled independently from the front panel keyboard or externally via RS232 serial port. In the external control is the keypad locked and it is possible only to display parameters. Always nevertheless works STOP button. Step time is 0,1 – 180 min. and pressure limit 2 bar.

Type	Channel I.D. mm	Fraction number	Flow rate ml/min.
SEPARFLOW 5-5	5	5 + waste	50 - 1500
SEPARFLOW 5-10	5	10+ waste	50 - 1500
SEPARFLOW 10-5	10	5+ waste	300 - 3000
SEPARFLOW 10-10	10	10+ waste	300 - 3000

