

## separflow X-Y

### FRACTION COLLECTORS FOR INDUSTRY



Separflow fraction collectors can be delivered for environments with danger of explosion according ATEX. Electronic part of the system has to be situated on remote place out of the critical zone.

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 stainless steel box of electronics with the keyboard and the display on oblique front panel and a circular segment consisted from two parts with a radial groove in between (which cross section is equivalent to a tube with I.D. X mm). The groove has side outputs to which a liquid input and Y solenoid valves (with PTFE closing elements) on output are connected. Opening various valves is programmed. The outlet valves pipes are connected by flexible hoses and are forwarded 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.	Note
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	