

## SDI Sandwich Hydraulic (double) diaphragm metering pump

Model	Max Capacity in Lt/h	Max pressure in Barg
SD I 175	390	14
SD I 250	1264	14
SD I 350	4028	14
AP SD I 175	231	40
AP SD I 250	711	80
AP SD I 350	1496	56

Best pumps solution for processes and applications that are requiring high safety and accuracy standard.

A built-in safety valve is installed in the hydraulic circuit, in order to protect the diaphragm against over pressure.

The peculiarity of this pump is the special sandwich diaphragm and the reliability of the diaphragm rupture detection system that can be via pressure gauge, pressure switch or pressure transmitter.

They are normally used when:

- The dosed liquid contains small amounts of suspended solids
- No leakage are accepted
- The dosed liquid is a toxic or hazardous solution
- High pressure is required

Note: higher pressures are available

