



CVD Valve



General Features

To release gas under high pressure to atmospheric for G.O.R. calculating, it's necessary to be able to decompress this gas in a progressive way in order to avoid all the risks related to a fast decompression.

This is the reason why ST has designed CVD valve.

Specifications	
Frequency Action	0.01 to 5 Hz
HP Inlet	1000 bar
Outlet Pressure	Atmospheric
Volume / Stroke	30 μ l

The CVD set is composed of following elements:

- A pressure sensor
- A MCAT card included in a control box
- A VAVC Valve (self-closing valve with constant volume)

It enables to pass from a very high pressure to a pressure between atmospheric pressure and 10 bar according to user's requirements.