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Core Lab



Constant Volume Depletion Valve Datasheet

Accessory\Valve



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.