

**Preset valve(1000 603 800)** is adjusted and locked to be mounted directly on the PB3 plasma generator.

**The valve provides:**

- quick connector for 6mm pneumatic tube
- limitation and damping of the gas flow
- air supply using simple flow/pressure characteristic line

**Preset valve (1000 603 800)** is used for:

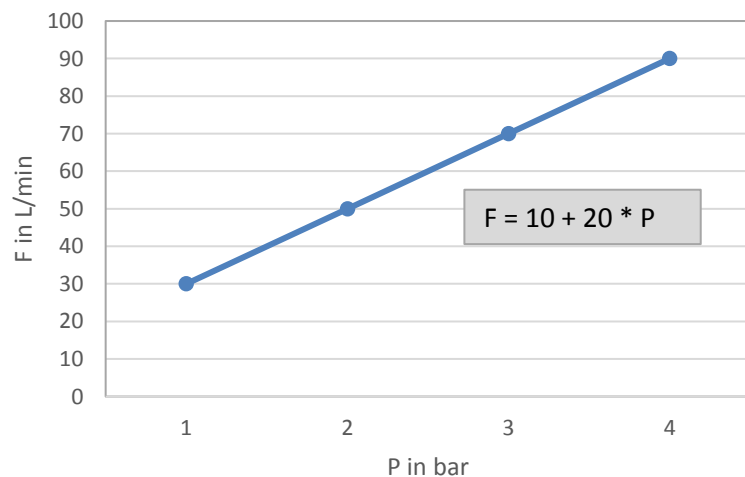
- simple air supply setup without active flow control
- pressure controlled air supply
- combination with manual pressure reducer and manometer
- combination with standard air service unit

**Compressed air characteristic curve at room temperature**

Pressure	Flow
1 bar	30 L/min
2 bar	50 L/min
3 bar	70 L/min
4 bar	90 L/min



**Characteristic curve (CDA, T=25°C)**



**Mounting position of the valve on PB3**

The characteristic curve is only valid if the preset lock is left unchanged and the length of the hose (D<sub>i</sub>=4mm) is 1m. If a hose of 5 m length is used the pressure has to be increased by 10%. If the length of the hose is 10m the pressure has to be increased by 20%.