

Flow control unit with Thermal Mass Flow Meter with LCD display (for the VAR D2Go)

(and predecessor models)

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Complete flow unit mounted on a holder with 12mm bar and double socket to fix it on a lab support with 12mm bar. The flow control unit consists of:

Pressure limiter

Inlet pressurized oil free air 5-18barg

Outlet 1.5barg

Pressure limiter

Needle Valve range 0..10L/min with potentiometer type manual drive.

Thermal mass flow meter:

Type: FSM2-PAF200-H041
Measuring range: 1-20 NI/min
Repeatability: +-1% of FS or less
Display resolution: 0.01 l/min
Medium: Air
Temperature: 0..50°C
Primary pressure: 3.0 bar a
Post pressure: 1.5 bar a
Connection: G1/4" female thread
Power supply: 24VDC

Power Supply unit:

Type: FPPS
5-7.5WP//FPPS 24-12WP
Input: 110-240V/AC. 50/60Hz,
Output: 24VDC, max. 500mA,
max. 12W
Cable length 1.8 meter
4 Plugs UK, EU, US, AU



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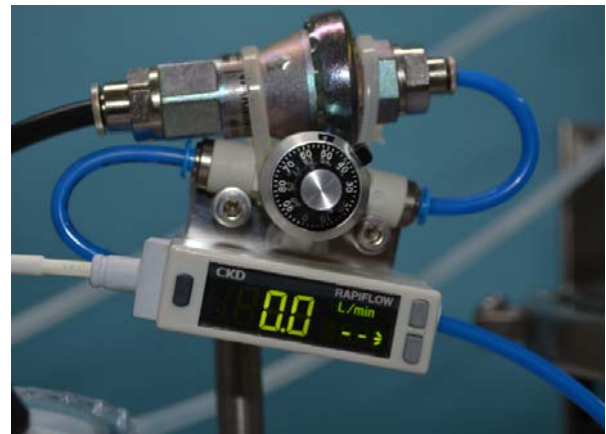
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Inlet Air hose

inner diameter 4mm outer diameter 6mm
(outside calibrated)

On the picture a black PE hose has been used.

Outgoing hose

Hose ID2mm and hose Adapter for the connection to the air accelerator of the single nozzle laminar jet-break-up unit.