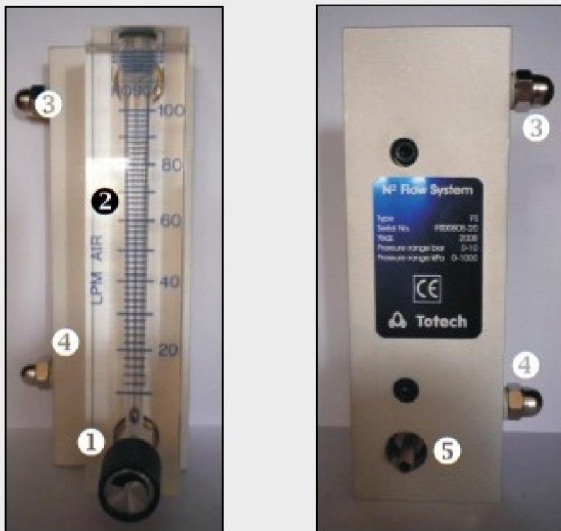




## Manual N<sup>2</sup>-Flow-System

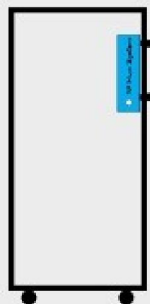
### 1. Description



- ❶ Flow regulator
- ❷ Flow scale
- ❸ Flow nozzle, retaining nut
- ❹ Degassing nozzle, retaining nut
- ❺ Hose nozzle, 6 mm

### 2. State after delivery

To overcome damages on the N<sup>2</sup>-Flow-System it is mounted in the inside of the cabinet. After receiving the cabinet, you have to remove the N<sup>2</sup>-Flow-System by unfasten the retaining nuts outside of the cabinet.



### 3. Mounting

Now you can mount the N<sup>2</sup>-Flow-System on the operating position outside of the cabinet. Put the nozzles from the outside through the drilling holes. The flow regular has to be down. Screw the retaining nuts on the nozzles. But be careful and don't tighten the nuts too tight. Because there is a risk to damage the acrylic plate. Please mind the seals.



### 4. Start-up

Connect the N<sup>2</sup>-Flow-System with a nitrogen hose to the hose nozzle on the back side of the system. The inner diameter of the hose has to be 6 mm. Save the hose with a hose clamp. The maximum operating pressure is 6 bar.

You can adjust the nitrogen flow by using the flow regulator. It is possible to set the flow volume from 10 to 100 litres per minute. The scale shows you the nitrogen flow based on a operating pressure of 1 bar. If you have a higher pressure you can't use the scale 1:1.

### 5. Technical datas

Operating pressure:	1-6 bar
Flow volume:	10 - 100 l/min on 1 bar
Max. temperature:	65 °C
Accuracy:	+/- 3% of full scale
Hose nozzle:	6 mm
Drill holes for nozzles:	M 8