



## PRODUCT INFORMATION

### GD 10 Gas divider



### Design and function

The gas divider GD 10 is a compact and transportable gas mixing station. It is used for producing gas mixtures which are necessary for testing or calibrating gas analysers.

The device uses two mass flow meters with a control range of max. 10 l / min. The integrated 3.5" touch panel ensures an easy, clearly arranged operation and visualization in either German or English language.

The target values of the mass flow controllers are calculated internally by means of the total flow rate, the bottle's gas concentration as well as the target concentration.

In addition, the gas divider GD10 is able to provide the gas output via a step function. Thereby the step height respectively the number of steps as well as the step length are freely adjustable.

The check of the mass flow controllers can be viewed via a clear summary at any time.

By means of the built-in calibration table with 10 interpolation points, it is possible to have each mass flow controller linearly corrected respectively adjusted to different gas densities.

### Technical data

|                        |  |
|------------------------|--|
| Instrumentation:       | Gas divider GD 10<br>Housing with carrier handle<br>Cable storage inside housing cover |
| Operation / Display:   | Touch panel (monochrom)  |
| Measuring ranges:      | max. 20 l/min total flow rate<br>0...10 l/min per inlet mass flow controller           |
| Accuracy MFC:          | +/- 0,5% MBE, + 0,1% MW  |
| Warm up time:          | 30 min   |
| Dimensions:            | 200 x 235 x 285 mm (H x B x T)   |
| Weight:                | 6,8 kg   |
| Gas inlet:             | 6 mm Swagelok screwing   |
| Gas outlet:            | 6 mm Swagelok screwing   |
| Operation temperature: | + 15 °C to + 30 °C   |
| Degree of protection:  | IP 54  |
| Ambient humidity:      | max. 80% (non-condensing)  |
| Voltage supply:        | 230 V / 50 Hz  |