

Manual Flow Stand



General view

Highlights

- Precise coriolis flow sensor technology (sensor accuracy ± 0.1 % of measured value)
- Flow test with counter pressure
- Up to 10 measurements with different forward and back pressure
- Sonplas operator panel with touch screen
- Windows PC based control
- DMC reader

Brief Description

The test bench has been designed for the determination of the static flow of diesel injection components.

The operator holds the part in front of the camera that reads the DMC of the part.

The testplan is selected automatically by using the part number of the work piece.

Thereafter the part is loaded into the measuring station. The operator start the process by pressing the two-hand start button.

After the measurement the part is blown off.



Measuring station

Technical Data

- Upstream pressure range: 10 bar...100 bar
- Counter pressure range: 10 bar...100 bar
- Pressure regulation: ± 0.2 bar
- Flow range: max. 14000 ml/min
- Test fuel temperature: $40^{\circ}\text{C} \pm 1^{\circ}\text{C}$
- Cycle time: 35 s

Sonplas