

LabModul 400

Compact test bench (modular)



Test possibilities

Masks / Demand valves / CPS

- leakage tests in pos. and neg. pressure
- Opening pressure
- Working pressure
- Activate pressure to 10 l/min
- Static positive pressure

Breathing Apparatus / SCUBA

- High pressure leakage
- Pressure gauge comparison
- Response pressure warning device
- Medium pressure static
- Medium pressure leakage
- Medium pressure dynamic to 10 l/min

Configuration

Electronic computer-controlled test bench for fully automated testing, masks, demand valves, breathing apparatus and gastight chemical protection suits in low, medium and high pressure range.

Function

The mask or the demand valve is mounted on the fixed multifunction test head. The test head is inflatable with a built-in pump, so that each mask, regardless of make, fits tightly

With the built-in pump, it can be generated an air flow of ± 10 l / min for the required positive and negative pressure in the mask or demand valve. The pressure reducer is adapted to the 300 bar device connector in front of the housing. The medium pressure hoses of the SCBA and the demand valve are connected to the medium pressure ports on the left side of the test bench.

Features

Fixed-positioned full plastic head covered with natural latex "skin", mounted on plastic-coated operating panel; multi-chamber filling system by way of electric pressure / vacuum pump, 10 l/min, integrated power supply, 3 measuring sensors with an accuracy $\leq 0.5\%$, medium pressure ports (EURO coupling and nipple) for demand valve and SCBA, filling port for CPS, device connector 300 bar, high pressure input with high pressure screw 6S EN ISO 8434-1 or coupling.

The measuring and test volume is approx. 400 ml.

With integrated IO processor and software package **LabNet Profi** for fully automated computer operation.

Accessory set with AC power cable and USB cable for PC connection, seal plug and adapter for masks and demand valves with screw 40 x 1/7", DVD test software **LabNet Profi** and manual.

Specifications

Power connection: 230 V AC / 50 Hz
Operating voltage: 24 V DC
Protection: IP 54
Max. current consumption: approx. 300 W
Dimensions: W 460 x H 490 x D 500 mm
Weight: approx. 26 kg


Art.-No. 125 400

Optional accessories

Adapters for positive pressure demand valves with screw M45x3, ESA design to DIN 58600, plug-in connectors for various makes, CPS test adapters, high pressure connection sets, etc.

Barcode identification systems
Handheld scanner with cable or wireless, with mobile receiving station for quick and easy reading barcodes directly into the test software.
Barcode printer for printing barcode labels in different versions, directly out of the test software.

Selectable options - Supplementary equipment

<p>Option T (terminal) Operating panel with LCD-display and plastic foil keyboard for manual operation of the test bench. Art.-No. 125 010 (with factory retrofitting Art.-No. 122010)</p>	
<p>Option COM (PC) Integrated touchscreen PC 15,6", attached to a swivel arm, tiltable in all directions, with operating system Microsoft Windows 10 and test software Lab.Net Profi pre-installed. Art.-No. 125 055 (with factory retrofitting Art.-No. 122055)</p>	