

## LabModul 400 MT

Manual compact test bench (expandable)



### 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 test bench for manual testing, masks, demand valves, breathing apparatus and CPS 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

each mask, regardless of make, fits tightly.

With the built-in pump, it can be generated an air flow of  $\pm 10$  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  $\leq 0.5\%$ , plastic foil keyboard and LCD-display for low and medium pressure, 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.**

### Optional accessories

Adapter for demand valves with various connectors for breathing valves (round thread, plug-in connectors for various makes), CPS adapter, high pressure connection sets

### 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

### Expandable to:

#### Upgrade kit LabModul BL-IO

Upgrade kit with IO processor boot loader and software package **LabNet Profi** for full automated computer operation. (Art.-No. 122 200)

**Art.-No. 124 400**