

Labtec COMPACT M

Compact testing device (modular/upgradeable)



Description

Compact Modular, respiratory protection test stand with multifunction test head for automatic testing of breathing masks according to DIN EN 136, self-contained breathing apparatus (SCBA) according to DIN EN 137 and chemical protective suits (CPS) according to DIN EN 943-1. The test / measuring volume is 400 ml.

Testing possibilities

Breathing Masks / Demand Valves

- Tightness tests in negative and positive pressure
- Tightness test dosing valve
- Opening pressure of the exhalation valve
- Response pressure at up to 10 l/min
- Static overpressure

SCBA

- Static Medium pressure
- Medium-pressure leakage

Chemical Protective Suits (CPS)

- Suit tightness tests
- Valve tightness tests

Equipment and function

Including network-compatible test software Lab-Net Profi for operating the test stand with a Windows® PC, connection via USB interface.

Fixed head, exchangeable from the outside and covered with a natural rubber skin, additionally electrically inflatable via a pump for problem-free sealing of all masks, regardless of manufacturer.

High precision pressure sensors for low and medium pressure with an accuracy of 0.5%.

Built-in pressure/vacuum pump for generating an air flow of up to ± 10 l/min and positive and negative pressure testing for masks, demand valves and CPS.

EURO coupling and nipple for adaptation of the medium pressure connections of regulators and regulators

Separate quick coupling with silencer for system ventilation and connection of the CPS filling line.

Labtec COMPACT M
Art.-No. 125 240



Technical data

Power supply: 230 V AC / 50 Hz
 Total power: max. 300 W
 Dimensions: W 460 x H 490 x D 430 mm
 Protection class: IP54
 Weight: ca. 21 kg


Accessories included in delivery

Power and USB connection cable
 Silicone care spray
 Software LabNet Profi
 Operating instructions



Modular options - Supplementary equipment to the basic unit

<p>T (Terminal) Control and OLED display panel for additional manual operation of the Labtec COMPACT series Art.-No. 125 014 (with factory retrofitting Art.-No. 122 014)</p>	
<p>COM (AiO-PC) Freely positionable touchscreen PC, connected to test device via swivel arm mounting, incl. pre-installed LabNet Profi test software. Art.-No. 125 055 (with factory retrofitting Art.-No. 122 055)</p>	

Retrofit kit - subsequent extension to Labtec COMPACT L

<p>Upgrade-Kit UP 240-400 / COMPACT M-L Factory conversion/retrofitting of the complete high-pressure part with sensor technology, high pressure input and device connection 300 bar, including adaptation of the processor and firmware, final inspection and system test Art.-No. 122 180</p>	
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Optional accessories

<p>Adapters and connection accessories Test adapters and sealing caps with screw connections, ESA plug-in connections according to DIN 58600 or with manufacturer-dependent connections for normal and positive pressure devices, breathing adapters for mask simulation during breathing tests of demand valves, CPS adapter sets, hose extensions etc.</p>	
<p>Barcode and transponder identification systems Wired handheld scanners and radio scanners for barcodes (1D) and QR codes (2D) Printer for printing barcode labels directly from the software RFID readers for transponders with 125 kHz, 134.2 kHz and 13.56 MHz.</p>	
<p>HMC Mountings Retrofittable holder and attachment for special masks of helmet-mask combinations of the helmet manufacturers Gallet, Rosenbauer and Schubert (assembly by the Labtec service required).</p>	