

## **Manual equipment tester for static tests on full-face masks and lung-governed demand valves**

*Data recording by means of a pressure gauge*



Multitest ND offers the same features and functionality as the Multitest ND Pult equipment tester. With just four controls, it allows you to carry out all of the static tests that need to be performed on full-face masks and lung-governed demand valves (LGDV) in an efficient and equally convenient manner.

The tester has a round-thread equipment port. Thanks to a broad range of optional adapters (see accessories), it is also possible to test a wide variety of equipment with other connector/port types from a large number of manufacturers.

The required levels of positive and negative pressure as well as the necessary flow rates for opening-pressure tests and closing-pressure tests are supplied by the built-in pump.

The pressure gauge has a diameter of 100 mm and a finely graduated scale, making it easy to take pressure readings with perfect accuracy. Moreover, there is a zero-offset calibration screw.

Lung-governed demand valves are connected to the equipment port for testing, while masks with five-point head harnesses are strapped onto the inflatable dummy head. The head, which can be fastened to a table or a workbench by means of the included clamp, ensures that the masks sit properly on a human-like face during testing. In combination with optional accessories, Multitest ND can also be used for testing many makes and models of two-point helmet masks.

As a result of its case-based design, Multitest ND is very easy to transport and takes up only a minimum of space when you do not use it. With the lid of the case closed, all of the ports and controls are protected from unwanted access. Next to the control panel, there is plenty of room for storing the deflated dummy head, the mask testing hose and any adapters you may have. The tester is powered by a 1.5-V battery (included).

### **Possible tests**

- ❖ full-face masks – leak test
- ❖ full-face masks – exhalation-valve opening pressure
- ❖ lung-governed demand valves – leak test
- ❖ lung-governed demand valves – opening pressure
- ❖ lung-governed demand valves – closing pressure

### **The following tests require optional accessories:**

- ❖ chemical protective suits – leak test
- ❖ chemical protective suits – leak test of the suit valves

### **Scope of delivery**

- ❖ Multitest ND
- ❖ dummy head (incl. filling valve and clamp)
- ❖ mask testing hose (round thread)
- ❖ sealing plug for the LGDV hose
- ❖ silicone spray
- ❖ timer
- ❖ 1.5-V battery (D cell)
- ❖ operator's manual

### **Specifications**

- ❖ dimensions (w x d x h)..... 550 x 370 x 200 mm
- ❖ weight..... approx. 10 kg
- ❖ power supply ..... 1.5-V battery (D cell)
- ❖ low-pressure gauge.....  $\pm 30$  mbar<sup>1</sup> (cl. 1.6)
- ❖ equipment port ..... round thread (EN 148-1)

<sup>1</sup>) Units for international markets. Units for the Austrian market come with a  $\pm 20$  mbar low-pressure gauge.

**Please note: Optional accessories are sold separately.**



LGDV connected for testing

Errors and omissions excepted! Technical specifications subject to change without notice!



## Accessories and other products

### Mask testing adapters



MSA plug-in connector	<b>330-048</b>
MSA AutoMaXX	<b>330-152</b>
Threaded connector M45x3	<b>330-050</b>
Dräger plug-in connector	<b>330-049</b>
Interspiro plug-in connector	<b>330-051</b>
Interspiro Click	<b>330-168</b>
Interspiro Inspire	<b>330-496</b>
Plug-in connector ESA	<b>330-178</b>
Round-thread connector	<b>330-471</b>

### LGDV testing adapters



MSA plug-in connector	<b>330-011</b>
MSA AutoMaXX	<b>330-149</b>
Threaded connector M45x3	<b>330-012</b>
Dräger plug-in connector	<b>330-013</b>
Interspiro plug-in connector	<b>330-014</b>
Interspiro Click	<b>330-162</b>
Interspiro Inspire	<b>330-498</b>
Plug-in connector ESA	<b>330-175</b>

### Kit for testing chemical protective suits



Filling hose and testing hose for performing leak tests on chemical protective suits. Valve tester, complete with an expansion tank, for leak testing the exhalation valves.

for MSA suits	<b>330-583</b>
for Dräger suits	<b>330-584</b>
for Interspiro suits	<b>330-585</b>

### Accessories for testing two-point helmet masks



Helmet-mask holder for installation on dummy head (for Dräger and MSA masks)	<b>330-210</b>
Helmet-mask holder for installation on dummy head (for Interspiro masks)	<b>330-522</b>
Helmet-mask holder – standard model	<b>330-233</b>
MSA (Avon/Schuberth) adapters for art. no. 330-233	<b>330-127</b>
Interspiro (Heros) adapters for art. no. 330-233	<b>330-128</b>

### Other accessories



Protective hood for dummy head	<b>340-001</b>
Silicone spray	<b>330-470</b>
Sealing plug for lung-governed demand valve	<b>330-526</b>
Sealing plug for testing hose	<b>220-401</b>

### Software

Please do not hesitate to get in touch with us if you have any questions or if you would like to learn more about the functionality of our software products, their range of possible applications and their use on computer networks.

Equipment management program (V5, excl. cylinder filling functionality)	<b>330-453</b>
Program option for managing any kind of equipment	<b>330-448</b>
Program option for carrying out/managing cylinder fillings	<b>330-341</b>

### Barcode



Barcode scanner, wired (USB)	<b>330-154</b>
Barcode scanner, wireless (incl. USB cradle and power adapter)	<b>330-221</b>
Barcode labels, adhesive front (pack of 100)	<b>330-220</b>
Barcode labels, adhesive back (pack of 100)	<b>330-219</b>

### RDT 09 mask washing machine



For cleaning, disinfecting and drying up to 9 respiratory protective masks in approximately 3.5 hours (an adapter for processing up to 9 LGDVs at the same time is sold separately). The PLC-controlled machine operates fully automatically and adds the required amount of disinfectant all by itself. The concentration level is freely adjustable from 0.2% to 2%. A warm-air blower is used for drying the masks at a maximum of 50 °C.

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