

## Automated computer-controlled tester for performing leak tests on chemical protective suits

Data recording by means of a computer

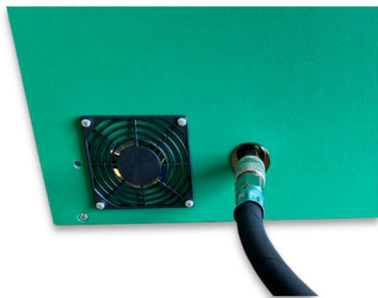


Multitest 100 allows you to carry out leak tests on chemical protective suits (CPS) and CPS exhalation valves in an efficient and equally convenient way.

The feature-packed, yet easy-to-use Equipment Management program not only controls the execution of the automated test procedures but also records and documents data in an accurate and tamper-proof manner, making Multitest 100 a particularly user-friendly tester that stands out for the quality it offers in terms of equipment testing and data documentation.

### Possible tests

- ❖ chemical protective suits – leak test
- ❖ chemical protective suits – exhalation-valve leak test



Medium-pressure supply port



Power switch, socket for power cord, USB data port

Different makes of CPS have different exhalation valves. Hence, the filling hose and the testing hose need to be connected to the suit by means of adapters, which can easily and quickly be attached to the plug-in couplings of the hoses.

CPS inflation by means of compressed air is carried out fully automatically by Multitest 100, as is the subsequent leak test. Exhalation-valve leak tests by means of the included valve tester are also performed automatically, with the required pressure being supplied by Multitest 100's built-in piston pump.

### Scope of delivery

- ❖ Multitest 100
- ❖ Equipment Management program (V 5, excl. cylinder filling functionality)
- ❖ CPS filling hose<sup>1</sup>, CPS testing hose<sup>1</sup> and valve tester<sup>1</sup>
- ❖ power cord and USB cable
- ❖ operator's manual

1) Comes complete with a suit adapter of your choice (MSA, Dräger or Interspiro). In order for us to be able to include the right adapter with your tester, please indicate, upon placing your order, the make of CPS you intend to test.

The computer system is NOT included in the scope of delivery. You can either order it from us or provide one that meets the system requirements stated by us.

### Specifications

- ❖ dimensions (w × d × h).....420 × 400 × 220 mm
- ❖ weight..... approx. 10 kg
- ❖ power supply..... 230 V, 50 Hz
- ❖ power consumption..... 100 W
- ❖ low-pressure transducer..... ±30 mbar (cl. 0.5)
- ❖ medium-pressure port..... Euro coupling

Air of the quality prescribed for testing respiratory protective equipment (EN 12021) needs to be supplied to the tester at a pressure of 5 to 10 bar.

## Accessories for testing CPS



Filling hose and testing hose connected to a CPS

### Valve connection adapters

- ❖ Valve connection adapter for **MSA** suits ..... **330-335**
- ❖ Valve connection adapter for **Dräger** suits..... **330-295**
- ❖ Valve connection adapter for **Interspiro** suits..... **330-294**

### Valve testing adapters

- ❖ Valve testing adapter for **MSA** suits ..... **700-035**
- ❖ Valve testing adapter for **Dräger** suits ..... **330-501**
- ❖ Valve testing adapter for **Interspiro** suits..... **330-502**

### Valve sealing adapters

- ❖ Valve sealing adapter for **MSA** suits ..... **264**
- ❖ Valve sealing adapter for **Dräger** suits..... **330-500**
- ❖ Valve sealing adapter for **Interspiro** suits..... **220-372**

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



## The Equipment Management program

### Program features

With our program, which we develop in-house, you can, inter alia, do the following:

- ❖ manage program users and user permissions
- ❖ manage equipment owners
- ❖ manage individuals associated with equipment owners
- ❖ manage type-specific test preferences
- ❖ manage test procedures
- ❖ manage equipment types (incl. test intervals)
- ❖ manage equipment data (incl. dates when tests are due)
- ❖ manage equipment with a limited service life
- ❖ perform equipment tests and save the recorded data
- ❖ manage stored data on equipment tests
- ❖ print test reports
- ❖ search for equipment that is due for testing
- ❖ use comprehensive reporting and statistics features
- ❖ create tests that can be activated if needed
- ❖ manage turnouts and training sessions
- ❖ manage any kind of equipment (*option*)
- ❖ make and manage lists of equipment to be tested (*option*)
- ❖ use barcodes to tag and identify pieces of equipment
- ❖ create user reports
- ❖ export reports in a variety of formats
- ❖ export and import data (standardized CSV format)
- ❖ collate data (*requires a central point of testing*)
- ❖ make and manage lists of equipment given out (*option*)
- ❖ set up and manage central points of testing (*option*)
- ❖ download program updates via an FTP connection
- ❖ capture electronic signatures by means of a signature pad

- ❖ back up data to USB drives
- ❖ perform and manage external cylinder fillings
- ❖ perform and manage external equipment tests
- ❖ hire out equipment (*option*)
- ❖ fill and pressure test cylinders (*option*)
- ❖ manage stock and do invoicing (*option*)

### Program options (non-exhaustive list)

- ❖ managing any kind of equipment
- ❖ performing/managing cylinder fillings
- ❖ hiring out equipment
- ❖ making/managing lists of equipment given out
- ❖ making/managing lists of equipment to be tested
- ❖ setting up/managing central points of testing
- ❖ managing stock and doing invoicing

**Program options are sold separately!**

### Available UI languages

- ❖ English
- ❖ German
- ❖ Spanish
- ❖ Czech

