

Automated computer-assisted tester for static tests on mask

Computer-assisted or manual operation and data recording



Multitest 730M allows you to efficiently and conveniently carry out all of the static tests that need to be performed on respiratory protective masks. You can operate it in either of two ways:

- ❖ in a computer-assisted automated manner
- ❖ manually by controlling the tester via a joystick

Computer-assisted mask testing involves the following steps:

- ❖ You need to strap the mask onto the dummy head.
- ❖ The tester automatically tests the mask according to the requirements specified for the type of mask in question.
- ❖ The computer saves and documents the recorded data.
- ❖ After testing, you can take the mask off the dummy head.

Possible tests

- ❖ full-face masks – leak test (normal/positive pressure)
- ❖ full-face masks – exhalation-valve opening pressure

Optional accessories for leak testing the valves of chemical protective suits with Multitest 730M are available on request.

We also offer a comprehensive range of accessories for testing two-point helmet masks, including a purpose-built stainless-steel mask holder that is a great help and time-saver, especially if you have to test many two-point helmet masks.



Optional accessory: stainless steel mask holder for docking and testing two-point helmet masks in a particularly convenient manner

Other available models

- ❖ Multitest 730 (no pressure indicator) **330-236**
- ❖ Multitest 730D (digital pressure indicator) **330-238**

Multitest 730 requires a computer for equipment testing.

During computer-assisted operation, the feature-packed yet easy-to-use Equipment Management program, which we develop in-house, not only controls the execution of the automated test procedures but also guarantees the accurate and tamper-proof documentation of the data recorded by the low-pressure transducer, making Multitest 730M a particularly operator-friendly mask tester that stands out for the quality it offers in terms of equipment testing and data documentation.

In manual mode, the execution of tests is controlled by means of a joystick, and you need to record data by taking the readings of the low-pressure gauge. Its 100-mm diameter and fine graduation guarantee perfect accuracy. Moreover, there is a zero-offset calibration screw.

Scope of delivery

- ❖ Multitest 730M (incl. power cord and USB cable)
- ❖ Equipment Management program
(v. 5, excl. cylinder filling functionality)
- ❖ protective hood and silicone spray for the dummy head
- ❖ adapter (round thread to dummy-head mouth port)
- ❖ mask sealing adapter (round thread)
- ❖ sealing plug for the LGDV hose
- ❖ operating instructions

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

Specifications

- ❖ dimensions (w × d × h).....500 × 300 × 450 mm
- ❖ weight..... approx. 18 kg
- ❖ power supply/consumption.....230 V, 50 Hz/100 W
- ❖ low-pressure gauge..... ±30 mbar¹ (cl. 1.6)
- ❖ low-pressure transducer.....±30 mbar (cl. 0.5)
- ❖ low-pressure port round thread (EN 148-1)
- ❖ medium-pressure port.....Euro coupling

1) Units for international markets. Units for the Austrian market come with a ±20 mbar low-pressure gauge.

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.

Please note: Optional accessories are sold separately.

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



Accessories

Mask sealing adapters



MSA plug-in connector	330-015	Interspiro plug-in connector	330-018
MSA AutoMaXX	330-150	Interspiro Click	330-131
Threaded connector M45x3	330-016	Interspiro Inspire	330-494
Dräger plug-in connector	330-017	Plug-in connector ESA	330-187
Racal plug-in connector	330-130	Round thread	330-010

Accessories for testing two-point helmet masks



Stainless-steel mask holder (incl. carrier plate) (for MSA and Dräger masks – Gallet system)	330-727
MSA (Avon/Schuberth) adapters for art. no. 330-727	330-127
Interspiro (Heros) adapters for art. no. 330-727	330-128
Helmet-mask holder for installation on dummy head (for Dräger and MSA masks)	330-210
Helmet-mask holder for installation on dummy head (for Interspiro masks)	330-522

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*)

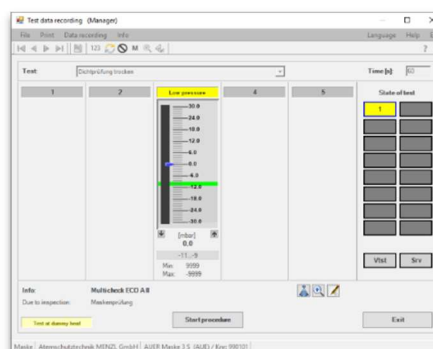
Program options (non-exhaustive list)

- ❖ 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



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