

## Automated tester for medium-pressure hoses

Computer-assisted recording and documentation of data by means of the MENZL Equipment Management program



Featuring a minimum of controls, Multitest MDS allows you to conveniently and efficiently carry out all of the tests that need to be performed on medium-pressure hoses.

The Equipment Management program, which is developed in-house and included in the scope of delivery, 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 MDS a particularly user-friendly tester that stands out for the quality it offers in terms of equipment testing and data documentation.

### Possible tests

- ❖ leak test at 150 mbar
- ❖ leak test at 8 bar
- ❖ flow-rate test up to 500 l/min

### Scope of delivery

- ❖ Multitest MDS
- ❖ Equipment Management program (V 5, excl. cylinder filling functionality)
- ❖ power cord and USB cable
- ❖ operator's manual

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) ..... 420 × 360 × 225 mm
- ❖ housing ..... texture-painted aluminium
- ❖ weight ..... approx. 10 kg
- ❖ power supply ..... 230 V, 50 Hz
- ❖ power consumption ..... max. 100 W
- ❖ testable hose length ..... max. 50 m
- ❖ pressure transducer ..... 0 – 250 mbar
- ❖ pressure transducer ..... 0 – 16 bar
- ❖ flow-rate sensor ..... 0 – 500 l/min
- ❖ pressure pump ..... up to 250 mbar
- ❖ pressure reducer (2 x) ..... 0 – 10 bar

A 10-bar pressure supply with an air output of at least 500 l/min is required for operating the tester.

### Article numbers

- ❖ Multitest MDS ..... **330-647**
- ❖ Insulation tester (50 – 1000 V) ..... **120-045**



Medium-pressure supply port



Power switch, power inlet, USB port

### Optional extra

#### Insulation tester (50 – 1000 V)

Dimensions (l × w × h): 59 × 103 × 225 mm

The probes need to be clamped to the coupling and the nipple. Once the measurement is complete, the display reading must be taken and entered into the Equipment Management program, which subsequently auto-evaluates the input.



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

