



MASKTRONIC

SCBA TEST TECHNOLOGY

MASKTRONIC

Test Possibilities

Compact	Compact 100	Compact 200		
Connect	Connect 100	Connect 200	Connect 300	Connect CPS
MASK				
Leak test positive / negative pressure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Opening pressure of exhalation valve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
DEMAND VALVE				
Demand valve leak test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Demand valve leak test with medium pressure		<input type="radio"/>	<input type="radio"/>	
Activation pressure of the demand valve [during negative pressure]		<input type="radio"/>	<input type="radio"/>	
Closing pressure of the demand valve		<input type="radio"/>	<input type="radio"/>	
BREATHING APPARATUS SCBA				
Comparison of pressure gauge indications			<input type="radio"/>	
Warning signal activation pressure		<input type="radio"/> ¹	<input type="radio"/>	
Static medium pressure test		<input type="radio"/>	<input type="radio"/>	
Change in medium pressure		<input type="radio"/>	<input type="radio"/>	
High pressure system leak test		<input type="radio"/> ²	<input type="radio"/>	
GAS-TIGHT CLOTHING CPS				
Leak test of gas-tight clothing		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exhalation valve leak test		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

¹ test without signal registration

² test without high pressure registration

The **MASKTRONIC** series devices are ultra-modern equipment applicable wherever there is a need to control the efficiency of respiratory protection equipment, i.e. breathing apparatus, masks and gas-tight clothing.

Advanced technology and engineering experience have allowed us to create devices characterized by exceptional ease of use, high accuracy of measurements, and thanks to the modular smart system offering wide possibilities of personalization depending on the preferences and financial capabilities of the user.

SAFETY



The CONNECT + application is a guarantee of safe operation of Respiratory Protection equipment.

- Identification of users and devices through a barcode system
- Test report after the inspection of the RPE
- Archiving of test results
- Control parameters saved in the memory with the possibility of their editing by authorized personnel

TECHNOLOGY



Multifunctional test head with the function of sealing each type of mask, regardless of its size and type.

- Rigid head core coated with natural latex
- Extremely stable when applying the mask
- Internal filling system
- Automatic mask sealing function

ERGONOMIC



All devices of the MASKTRONIC series have a control panel with a graphic representation of functions and transport handles that facilitate safe and convenient transport of the device in all conditions. All MASKTRONIC devices [not applicable to the CPS device] have a test head integrated with the multifunctional housing and stabilizing feet to prevent the device from moving while putting on a mask.

QUALITY AND INNOVATION



The absolute priority during the production of devices is the exceptional level of quality of their workmanship and after-sales service.

Therefore, all MASKTRONIC devices are covered by a 2-year factory warranty, and the equipment purchase package always provides training in the field of operation confirmed by a certificate.

The use of the so-called "Modular Smart System" creates wide possibilities of personalization of devices depending on the user's preferences and exceptional flexibility in the production and sales process.



COMPACT



The modular control devices of the Compact series are an economical solution that guarantees exceptional ease of use, a precise measurement system and the possibility of expansion. Due to the universal design, the devices of this series are dedicated to both small, medium and large workshops of respiratory protection equipment. In addition, thanks to ergonomic carrying handles and low weight, they are perfect for mobile applications. The compact design enables manual leak testing of: masks, demand valves, breathing apparatuses, and gas-tight clothing in the range [depending on the version] of low and medium pressure.

- ➔ Multifunctional test head with mask sealing function
- ➔ Analog measurement system - manual testing without a PC
- ➔ Control panel with graphical representation of functions
- ➔ Possibility of upgrading to a higher version - UP Packages

COMPACT 100



The modular control device enables manual static tests to be carried out: on full face masks and gas-tight clothing in the **low pressure range**.
Device operation via the control panel with graphic representation of the functions.

Test head:	Multifunctional with sealing function - opening Rd 40 x 1/7'
Control panel:	The control panel is equipped with keys with increased resistance
Gauges:	LP low pressure -30... 0... + 30 mbar / kl. 1.6
Pump pressure:	Vacuum +/- 0-10 L/min

COMPACT 200



The modular control device enables manual static tests to be carried out: on full face masks, demand valves, breathing apparatuses and gas-tight clothing in the **low and medium pressure range**.
Device operation via the control panel with graphic representation of the functions

Test head:	Multifunctional with sealing function - opening Rd 40 x 1/7'
Control panel:	The control panel is equipped with keys with increased resistance
Gauges:	LP low pressure -30... 0... + 30 mbar / kl.1.6 MP medium pressure 0 ... 25 bar / kl.1.0
Pump pressure:	Vacuum +/- 0-10 L/min

Standard equipment



Multifunctional test head with the function of sealing each type of mask, regardless of its size and type.



Control panel with graphical representation of functions with buttons with increased resistance to mechanical damage.



Modular housing with the possibility of upgrading to a higher version at any time, equipped with transport handles.

Moreover:

Power cable 230 V / Silicon Spray 500 ml / Timer / Protective cover for the test head
User manual / Connection adapter Rd 40 x 1/7' / Sealing adapter Rd 40 x 1/7'

Optional equipment



A + package containing alternative battery power supply for the devices



SURVIVAL package containing a specially designed and made transport box for MASKTRONIC series devices protecting against damage to the device during transport.



Adapter Set containing sets of adapters and connections enabling the control of respiratory protection equipment of various types and manufacturers.



UP package for the automatic operation of the device and cooperation with a PC, Tablet or Smartphone enabling the management of the RPE database as well as printing the so-called "Test Protocol" after the examination.



CONNECT



The modular control devices of the Connect series are state-of-the-art equipment dedicated to any workshop size as well as a mobile solution. The use of a number of innovative solutions, such as: The sensor measurement system, Follow Me function or BarcodScan, creates unique possibilities of servicing the respiratory protection equipment in terms of measurement accuracy as well as ergonomics and comfort of work. In addition, the Connect + application creates wide possibilities of administering the supported equipment as well as generating the so-called "Test Protocols" after the performed test. The compact, ergonomic design of the device enables both manual and automatic leak testing of masks, demand valves, breathing apparatuses, and gas-tight clothing in the range [depending on the version] of low, medium and high pressure.

- ➔ Multifunctional test head with mask sealing function
- ➔ Possibility to perform the test without a computer with data recording function
- ➔ Sensor measurement system - manual test / automatic test
- ➔ Connect + app to manage RPE database
- ➔ Wireless connectivity with: PC / Tablet / Smartphone
- ➔ Possibility to upgrade to a higher version

CONNECT 100



The modular control device enables manual and automatic static tests of: full-face masks and gas-tight clothing in the **low pressure range**.
Device operation via the control panel with graphical function representation or the Connect + app

Test head:	Multifunctional with sealing function - opening Rd 40 x 1/7'
Control panel:	Control panel equipped with foil keyboard, LCD display and menu control knob. Connect + app
Sensors:	LP low pressure -30... 0... + 30 mbar
Pump pressure:	Vacuum +/- 0-10 L/min

CONNECT 200



The modular control device enables manual and automatic static tests of: full-face masks, demand valves, breathing apparatuses and gas-tight clothing in the **low and medium pressure range**.
Device operation via the control panel with graphical function representation or the

Connect	+ app
Test head:	Multifunctional with sealing function - opening Rd 40 x 1/7'
Control panel:	Control panel equipped with foil keyboard, LCD display and menu control knob. Connect + app
Sensors:	LP low pressure -30... 0... + 30 mbar MP medium pressure 0 ... 25 bar
Pump pressure:	Vacuum +/- 0-10 L/min

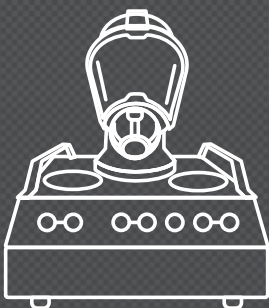
CONNECT 300



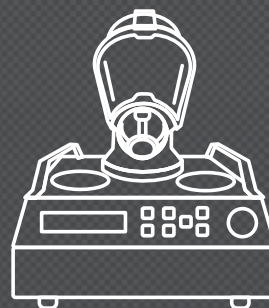
The modular control device enables manual and automatic static tests of: full-face masks, demand valves, breathing apparatuses and gas-tight clothing in the **low, medium, and high pressure range**.
Device operation via the control panel with graphical function representation or the Connect + app

Test head:	Multifunctional with sealing function - opening Rd 40 x 1/7'
Control panel:	Control panel equipped with foil keyboard, LCD display and menu control knob. Connect + app
Sensors:	LP low pressure -30... 0... + 30 mbar MP medium pressure 0 ... 25 bar HP high pressure 0 ... 400 bar
Pump pressure:	Vacuum +/- 0-10 L/min

MODULAR SMART SYSTEM




UPGRADE KIT
UP package



Standard equipment



TH 500

Multifunctional test head with the function of sealing each type of mask, regardless of its size and type.



BP TOUCH

The control panel is equipped with a foil keyboard, a backlit LCD display and a menu selection knob.



MODULAR SMART SYSTEM

Modular housing with the possibility of upgrading to a higher version at any time, equipped with transport handles.



BARCODE SCAN

System enabling quick identification of equipment through barcodes.
Contents: Barcode scanner + 200 pcs of reinforced barcodes.



WI-FI MODULE

All devices from the Connect series are equipped with a WI-FI module that enables the device to work wirelessly with a PC, Tablet or Smartphone.



CONNECT + APP

Connect + software enables intuitive management of the respiratory protection equipment database as well as generating the so-called "Test Protocols" after the performed test.



MASKTRONIC KEY

Masktronic Key is an innovative system that identifies the user after scanning the users personal barcode.



FOLLOW ME

A system that facilitates the operation of the device, thanks to the hints displayed on the LCD display.

Moreover:

Power cable 230 V / Silicon Spray 500 ml / Timer / Protective cover for the test head
User manual / Connection adapter Rd 40 x 1/7' / Seal adapter Rd 40 x 1/7'

Optional equipment



A + package containing alternative battery power supply for the devices



SURVIVAL package containing a specially designed and made transport box for MASKTRONIC series devices protecting against damage to the device during transport



Adapter Set containing sets of adapters and connections enabling the control of respiratory protection equipment of various types and manufacturers



UP package for the automatic operation of the device and cooperation with a PC, Tablet or Smartphone enabling the management of the RPE database as well as printing the so-called "Test Protocol" after the examination.

CONNECT TECHNOLOGY

IOS Intelligent Operating System



The idea of the Intelligent Operating System is based on the use of a number of solutions aimed at significantly simplifying the service process and guaranteeing maximum safety at work.

All devices of the Connect line are equipped with an intelligent operating system that allows the device to work in several modes:

Manual mode

Manual mode with the use of the foil keyboard on the control panel. The manual mode is dedicated to non-standard service work that requires, for example, repetition of specific activities in order to set the desired parameters or to precisely verify the correct operation of the equipment in selected range of operation.



Automatic mode [without PC]

Automatic mode via the knob on the control panel. Choosing this gives you an option to perform any test without a PC with the test result saved in the device memory. The automatic mode activated by the knob on the control panel is the optimal solution that allows you to perform the test without having to start the computer with the application. The choice of this solution means a significant reduction in service time and ease of use, but above all, it reduces the risk of interruptions in the maintenance of respiratory protection equipment caused by failures of cooperating units, e.g. a PC.



Automatic mode and Connect + App [from PC]

Automatic mode via the Connect + app. The selection of the automatic mode through the Connect + application is a tool for users who perform additional activities related to database administration during the service of the equipment. In addition, operating the device via the Connect + application allows for detailed monitoring of the test as well as its stopping and repeating.



A wide selection of the device's operating mode is possible thanks to the use of innovative solutions in this area, such as:

1. Intuitive control panel with LCD display, foil keypad with graphic representation of functions and menu selection knob.

Connect + application with virtual panel.

Data archiving - all test results are saved in the internal memory of the device. In addition, the authorized user has the option of exporting and saving data on an external drive via the USB port

NETWORK MODULE

All Connect devices have network features that enable wireless cooperation with a PC, Tablet or Smartphone.



FOLLOW ME SYSTEM

The Follow Me system, available on all Connect devices, is a tool to optimize and facilitate the use of the Connect device.

Thanks to the hints shown on the LCD display, the user is guided through the various stages of the test, which significantly affects the safety and time of service.

MASKTRONIC KEY

Masktronic Key is a tool that allows for quick and safe identification of the user by the device after reading the so-called "Access Key". The key is read using a barcode scanner that is part of the kit.



CONNECT CPS



MASKTRONIC Connect CPS is a modern device that enables fast and precise leak tests of chemical protection clothing of various types and manufacturers. Thanks to an innovative operating system, the device allows you to perform CPS tests in three ways, depending on the needs and preferences of the user:

Manual test via keyboard with graphical function display

Automatic test via the knob on the control panel

Automatic test via CONNECT+ app

The safety of the performed tests is guaranteed by the control parameters stored in the device's memory for the selected type of clothing, with the possibility of editing them only by authorized persons.

- ➔ IOS Intelligent Operating System
- ➔ Possibility to perform the test without a computer with data recording function
- ➔ Sensor measurement system - manual test / automatic test
- ➔ Connect + app for managing the CPS database
- ➔ Wireless connectivity with: PC / Tablet / Smartphone

CONNECT CPS



The modular control device enables manual and automatic leak testing of chemical protection clothing. Device operation via the control panel with graphical function representation or the Connect + app

Control panel:	Control panel equipped with foil keyboard, LCD display and menu control knob. Connect + app
Sensors:	LP low pressure -30... 0... + 30 mbar
Pump pressure:	Vacuum +/- 0-10 L/min

Standard equipment



BP TOUCH

The control panel is equipped with a foil keyboard, a backlit LCD display and a menu selection knob.



MODULAR SMART SYSTEM

Modular housing with the possibility of upgrading to a higher version at any time, equipped with transport handles.



BARCODE SCAN

System enabling quick identification of equipment through barcodes. Contents: Barcode scanner + 50 pcs of reinforced barcodes.



WI-FI MODULE

All devices of the Connect series are equipped with an integrated WI-FI module enabling wireless cooperation of the device with a PC, tablet or smartphone.



CONNECT +

Connect + software enables intuitive management of the respiratory protection equipment database and generation of the so-called "Test Protocol" after the performed examination.



MASKTRONIC KEY

Masktronic Key is an innovative system that identifies the user after scanning the personal code



FOLLOW ME

A system that facilitates the operation of the device, thanks to the hints shown on the LCD display.

Moreover:

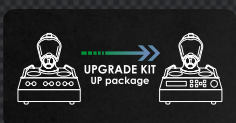
Power cable 230 V / Timer

User manual / Connection adapter Rd 40 x 1/7 ' / Seal adapter Rd 40 x 1/7 '.

Optional equipment



Adapter Set of connections enabling the leak test of chemical protection clothing (CPS) of various types and manufacturers.



UP package for the automatic operation of the device and cooperation with a PC, Tablet or Smartphone enabling the management of the RPE database as well as printing the so-called "Test Protocol" after the examination.



SAFETY ENGINEERING



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