

## Dräger Quaestor 8000 Test Equipment

All static and dynamic tests of the Dräger Quaestor 8000 are carried out fully automatically. Controlled by the proven Protector software, each test is carried out intuitively. For you, this guarantees high efficiency through comfort and speed.



## Benefits

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### Fully-automatic static and dynamic tests

The test process is fully automated. Automatically opening and closing valves accelerate the process and manual intervention is no longer required. An external microphone also automatically captures the switch-on point of the low-pressure warning. The Quaestor 8000 can read the Dräger Sentinel when equipped with an optional cradle, so that the gauge leveling is done fully automatically.

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### Comprehensive test options

The Dräger Quaestor 8000 can test full-face masks, chemical protection suits and compressed air breathing apparatus for functionality and leak tightness. Tests of diving apparatus (SCUBA) and closed-circuit breathing apparatus (CCBA) are also possible, if required.

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### Ergonomic and flexible pressure connections

Dräger's Quaestor 8000 pressure connections are ergonomically and flexibly designed. The medium pressure inlet comes with an extendable hose to eliminate the risk of leaks and resistance due to additional extension hoses. In addition, the rotatable medium pressure outlet reduces the distance between the breathing connection of the lung demand valve and the mask opening or breathing adapter, e.g. if the test head has been rotated by 90 degrees.

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### Optimum tight fit for all mask sizes

You can turn and remove the test head without restrictions as needed. This flexibility allows you to tailor the test design comfortably to your requirements. In addition, the gel face of the test head, which emulates the elasticity of human facial skin, optimizes a tight fit for all common mask sizes.

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### Intuitive software

The included software contains a comprehensive database of pre-installed amendable device data. With user notices and graphic elements, the manual test steps are presented comprehensibly even for inexperienced users. After every completed test, a test result report is created for documentation purposes. An optionally applied test-due list provides you with timely information about tests that are due. The software also permits a customer-specific design of the test sequences, events and intervals.

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### New LED status bar

The new LED status bar informs you using different colors when a test is still running and with which result a test has been completed.

## Benefits

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### Smart accessories

Included in delivery are an external microphone for the detection of the acoustic signal of the low pressure warning and a specially designed bracket to ensure a comfortable rest position of the pressure gauge or Dräger Sentinel. Furthermore, a compressed air breathing apparatus holder allows you to comfortably position the device at eye level.

## System Components

D-1034-2015



### Dräger PSS® 7000

Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 self-contained breathing apparatus (SCBA) provides unmatched comfort, durability, and safety in the harshest environments. With unparalleled ergonomic performance, the PSS® 7000 combines trusted pneumatics, flexible fit, and cylinder Quick Connection, freeing the firefighter to concentrate on the task at hand.

D-16515-2009



### Dräger PSS® BG 4 plus

Specially designed for demanding tasks, The Dräger PSS® BG 4 plus closed-circuit breathing apparatus combines uncompromising safety with outstanding respiratory protection and wearer comfort. Innovative in design, it provides the wearer with up to four hours of breathing gas in toxic environments.

## System Components



D-1756-2019

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### Dräger FPS® 7000

Firefighting requires working under hazardous conditions with poor visibility. Designed to offer optimal visibility, the Dräger FPS 7000 full face mask sets new standards in terms of personal safety, protection and comfort. The popularity of this SCBA mask is due to a large, unobstructed field of vision and a very comfortable and secure fit, while reducing or eliminating fogging during use.



D-21875-2020

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### Dräger PSS® Lung Demand Valve (LDV)

Suitable for the most extreme applications whenever Breathing Apparatus has to be worn: with its compact and robust design, and excellent pneumatic performance, the Dräger PSS® Lung Demand Valve (LDV) will always deliver the air that you need.



D-22691-2009

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### Dräger CPS 5900

The Dräger CPS 5900 is the ideal limited-use, gas-tight chemical protective suit for hazmat incidents. Where complete protection against hazardous gases, liquids and particles is of the utmost priority, this lightweight garment is the suit of choice.

## Accessories



D-6653-2010

### Dräger QSI-Box

Used for sound insulation of the low pressure warning



D-6657-2010

### Compressed Air Breathing Apparatus Holder

Used to position the compressed air breathing apparatus upright during the test



D-6651-2010

### Hose for CPS-Test

Necessary accessory for the automatic testing of a chemical protective suit.



D-37856-2021

### Filling nozzle

Minimes<sup>®</sup> (f) – 8 mm, complete

Minimes<sup>®</sup> is a trademark owned by Hydrotechnik GmbH.

## Related Products



D-8496-2016

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### Dräger Testor 2500

The Dräger Testor 2500 is a compact, versatile test unit for the static tests of your breathing protection equipment. Testing is reliable, easy, and convenient. The compact design enables it to be integrated smoothly into any breathing protection workshop.



D-38692-2015

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### Dräger RZ 7000

Easy to use: With the Dräger RZ 7000 you can carry out the function and leak tests of the Dräger PSS® BG 4 plus easier and faster than ever before.

## Technical Data

### Dräger Quaestor 8000

Dimensions with test head (D x W x H)	50 x 55 x 65 cm / 19.7 x 21.7 x 25.6 in
Weight (fully equipped with test head)	21.75 kg / 48 lb
Permitted temperature (storage)	from -30 °C to 60 °C / -22 °F to 140 °F
Permitted temperature (operation)	from 0 °C to 40 °C / 32 °F to 104 °F
Permitted air pressure	800 to 1.200 hPa / 22.6 to 35.4 inHg
Permitted humidity	30 to 90 % rel. humidity
Compressed air supply	Buffer bottle or pipework 300 bar/4500 psi stainless steel pipe
Pressure sensor accuracy	Class ≤ 1.0 according to DIN EN 837
Pressure ranges	High pressure 0...350 bar / 0...5000 psi Medium pressure 0...25 bar / 0...300 psi Low pressure -40...+30 mbar Low pressure -70...+30 mbar (diving) Flow O <sub>2</sub> for 1 – 3 l/min (CCBA)
External cable connections	1 x USB interface to the PC 1 x 24 V power adapter for 110/230 V power supply 1 x connection for external microphone
Breathing frequency of the artificial lung	5 to 40 strokes/min
Maximum breathing volume	136 l/min
Tidal Volume	max. 3.4 l

## Ordering Information

### Scope of performances

Dräger Quaestor 8000 Standard NA	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits and compressed air breathing apparatus	R 63 260
Dräger Quaestor 8000 CCBA NA	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing apparatus and closed circuit breathing apparatus	R 63 290

### Optional accessories

Filling nozzle cpl., Minimesse® (f) – 8 mm	37 17 557
Minimesse® hose 1.5 m (female-female)	37 17 558
For the version Minimesse® hose 37 17 558 one of following HP adapters must be ordered additionally:	
HP adapter 4500 psi, Minimesse (male) – CGA 347	37 17 565
HP adapter 300 bar, Minimesse® (AG) – 8 mm	37 17 567

## Ordering Information

Dräger QSI-Box	Used for the sound insulation of the low pressure warning	R 58 382
Compressed air breathing apparatus holder	Used to position the compressed air breathing apparatus upright during the test	37 16 663
Hose set CPS test (suits with 2 valves)		R 61 888
Hose set CPS test (suits with 1 valve)		R 61 889
Barcode-label 30 x 13mm (outside)		AG 02 395
Barcode-label 30 x 13mm (inside)		AG 02 396
Barcode-label 22 x 8mm (outside)		AG 02 551
Transponder reader		65 59 283
Minimess® is a trademark owned by Hydrotechnik GmbH.		
2216 Module		R 58 368
4500 psi Outlet		37 23 208
2216 psi Outlet		37 23 207
Pressure Reducer		R 57 584

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