

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

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 Bodyguard when equipped with an optional cradle, so that the gauge leveling is done fully automatically.

Comprehensive test options

The Dräger Quaestor 8000 is available in five different versions. In each version, it can test full-face masks, chemical protection suits and compressed air breathing apparatus for functionality and leak tightness. Tests of diving apparatus (SCUBA), closed-circuit breathing apparatus (CCBA) and safety valves (SV) are also possible, if required. The high-precision and manufacturer-independent measurements are carried out according to EN 137.

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.

Optimum tight fit for all mask sizes

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

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.

New LED status bar

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

Benefits

More space due to lower housing dimensions

Due to the complete redesign of the electronic and pneumatic components, the new housing is about 4 cm narrower and thus creates additional workplace. The device will remain compatible with the previous workbench set up.

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 manometer or Dräger Bodyguard®. An optional accessory, the QSI Box guarantees a sound insulation of the low pressure warning. In addition, a holder for all mask-helmet combinations can be upgraded to the test head. Furthermore, a compressed air breathing apparatus holder allows you to comfortably position the device at eye level.

System Components



Dräger PSS® AirBoss

The Dräger PSS® AirBoss offers best in class ergonomics and is one of the lightest weight breathing apparatus for firefighting. Lessons learned from firefighters around the world as well as latest innovations in technology have led us to design an even safer and cleaner SCBA system that enables you to breathe more easily and for longer.

System Components



D-3395-2019

Drägerware.Workshop 9000 software

Optimal overview and precise control: The Drägerware.Workshop 9000 software is the ideal solution for efficient workshop management. This innovative and user-friendly software ensures transparent and traceable procedures. It rationalises your processes and includes new modules and various expanded functions.



D-609-2022

Dräger BG ProAir

Specially designed for longer durations: The Dräger BG ProAir is a positive pressure closed circuit breathing apparatus that combines uncompromising safety with the highest level of breathing and carrying comfort. Easier to carry, easier to breathe - giving you more time to get the job done and return safely.



D-13666-2010

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask series ensures high safety and wearing comfort. The modern design offers a large, optimised field of vision, while the availability of different sizes ensures the mask fits comfortably and securely. The full-face mask is available with different connections and wearing systems.



ST-145-2000

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.

System Components



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



Dräger QSI-Box

Used for the sound insulation of low pressure warning.



Compressed air breathing apparatus holder

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

Accessories



D-6651-2010

Hose for CPS-Test

Necessary hose set for the automatic testing of a chemical protective suit.



D-2249-2015

Mask-helmet adapter

This holder attaches to the test head for all Dräger mask/helmet-combinations.



D-4929-2021

Breathing adapter

Enables a positive tightness test in accordance with vfdb 0804.



D-37856-2021

Filling nozzle

Minimesse® (f) – 8 mm, complete

Minimesse® is a trademark owned by Hydrotechnik GmbH.

Related Products



D-12657-2014

Dräger Prestor 5000

The Prestor 5000 from Dräger is a highly efficient device that tests the integrity and thus safety of full-face respiratory masks. The automatic testing program reduces the time needed to inspect each mask, which makes the testing of even a large number of masks fast and convenient.



D-8496-2016

Dräger Testor 2500/3500

The Dräger Testor 2500/3500 is a compact all-rounder for the static tests of your breathing protection equipment. Testing is reliable, easy, and convenient. The compact design enables both models to be integrated smoothly into any breathing protection workshop.



D-38892-2015

Dräger RZ 7000

Easy to use: With the Dräger RZ 7000 you can carry out the function and leak tests of the Dräger BG ProAir and 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
Weight (fully equipped with test head)	21.75 kg
Permitted temperature (storage)	from -30 °C to 60 °C
Permitted temperature (operation)	from 0 °C to 40 °C
Permitted air pressure	800 to 1.200 hPa
Permitted humidity	0 to 90 % rel. humidity
Compressed air supply	Buffer bottle or pipework 300 bar stainless steel pipe
Pressure sensor accuracy	Class ≤ 1.0 according to DIN EN 837
Pressure ranges	High pressure 0...350 bar
	Medium pressure 0...25 bar
	Low pressure -40...+30 mbar
	Low pressure -70...+30 mbar (diving)
	Flow O ₂ 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	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits and compressed air breathing apparatus	R 63 200
Dräger Quaestor 8000 CCBA	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 63 270
Dräger Quaestor 8000 SCUBA	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing apparatus and diving apparatus	R 63 280
Dräger Quaestor 8000 SCUBA/CCBA	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing apparatus, diving apparatus and closed circuit breathing apparatus	R 63 287
Dräger Quaestor 8000 Complete	PC-supported fully-automatic test instrument for the testing of full-face masks, chemical protection suits, compressed air breathing apparatus (including safety valve test at the pressure reducer) closed-circuit breathing apparatus and diving apparatus	R 63 299

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 300 bar, Minimesse® (AG) – G5/8		79 02 162
HP adapter 300 bar, Minimesse® (AG) – 8 mm		37 17 567
Transport case		37 12 635
Dräger QSI-Box	Used for the sound insulation of the low pressure warning	R 58 382
Mask/helmet adapter	Holder to be attached to the test head for all Dräger mask/helmet combinations	R 58 116
Compressed air breathing apparatus holder	Used to position the compressed air breathing apparatus upright during the test	37 16 663
Breathing adapter	Enables a positive leak tightness test in accordance with vfdB 0408	AG 02 535
Hose set CPS test (suits with 2 valves)		R 61 888
Hose set CPS test (suits with 1 valve)		R 61 889
Powerscan PM 9100		37 01 110
Barcode Laser Scanner Power Scan PM 8300		AG 02 491
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
Barcode-label 22 x 8mm (inside)	AG 02 550
Transponder reader	65 59 283
Drägerware workshop 5000	65 38 007
Drägerware workshop 7000	65 38 008
Computer Zebra TC-52x set	37 01 050
Computer Zebra MC-3330xR	37 25 820

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