

Dräger Quaestor 6000 Test Equipment

All static and dynamic tests of the Dräger Quaestor 6000 take place semi-automatically as a sophisticated combination of personal handling and automated control during the test sequence. The software supports you with intuitive user guidance.



Benefits

Semi-automatic static and dynamic tests

When using our Dräger Quaestor 6000, you combine intelligent manual operation with technical sophistication to accelerate the test sequence. On the one hand, there are processes, such as the control of the high pressure valve, which is fully automated. On the other hand certain individual tests require manual user intervention. With the Dräger Quaestor 6000, you can rely on a test device that has been especially designed for respiratory protection workshops with moderate test volumes.

Modular product design

The Dräger Quaestor 6000 can test full-face masks, chemical protection suits and compressed air breathing apparatus for functionality and leak tightness. The integrated artificial lung further permits dynamic simulated breathing tests. The high-precision and manufacturer-independent measurements are carried out following the EN 137.

Low weight and compact construction

Due to its small dimensions, the Dräger Quaestor 6000 takes up a small amount of space in the respiratory protection workshop. Thanks to its reduced weight (19.4 kg with test head) and a convenient carrying handle, it allows you easy transportation, e.g. in service vehicles. A workbench fixture, included in the scope of supply for the base unit, ensures a stable alignment during testing.

Optimum tight fit for all mask sizes

The test head can be turned without restriction and be removed as you need. This flexibility allows you to tailor the test design even more individually and comfortably to your requirements. 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 preinstalled 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.

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.

Benefits

Comprehensive optional accessories

The QSI Box provides a noise insulation of the low pressure warning, resulting in a significantly reduced noise perception by the user. For your convenience, a specially designed bracket ensures a comfortable rest position of the manometer or Dräger Bodyguard® during the test. 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

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-149-2000



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

D-0915-2019



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.

D-4598-2010



Dräger CPS 7900

Tailor-made for use under extreme conditions: The gas-tight Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other toxic substances. Its innovative material qualifies the CPS 7900 equally well for work in explosive areas and for handling cryogenic substances.

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.

Accessories

D-6653-2010



Dräger QSI-Box

Used for the sound insulation of low pressure warning.

D-6657-2010



Compressed air breathing apparatus holder

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

D-6622-2010



Manometer holder

Used for the easy positioning of the manometers or Dräger Bodyguards® on the test device.

D-2249-2015



Mask-helmet adapter

Holder to be attached to the test head for all Dräger mask/helmet combinations.

Accessories

D-4929-2021



Breathing adapter

Enables a positive tightness test in accordance with vfdb 0804.

D-37856-2021



Filling nozzle

Minimess® (f) – 8 mm, complete

Minimess® is a trademark owned by Hydrotechnik GmbH.

Related Products

D-1361-2021



Dräger Quaestor 8000

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.

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 6000

Dimensions with test head (D x W x H)	50 x 55 x 65 mm
Weight (fully equipped with test head)	19.4 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
External cable connections	1 x USB interface to the PC
	1 x 24 V power adapter for 110/230 V power supply
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 performance

Dräger Quaestor 6000 Standard	PC-supported semi-automatic test instrument for the testing of full-face masks, chemical protection suits and compressed air breathing apparatus	R 63 100
-------------------------------	--	----------

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 HD 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 during the test to keep the compressed air breathing apparatus upright	37 16 663
Breathing adapter	Enables a positive leak tightness test in accordance with vfdb 0408	AG 02 535
Gauge holder	Used for the easy positioning of the manometers or Dräger Bodyguards on the test device	37 19 538
MP hose 500 mm extension	To extend the connection from the medium pressure inlet to the medium pressure	R 57 999

Ordering Information

	hose of the compressed air breathing apparatus	
Powerscan PM 9100		37 01 110
Wired barcode scanner		AG 02 491
Barcode-labels 30 x 13mm (outside)		AG 02 395
Barcode-labels 30 x 13mm (inside)		AG 02 396
Barcode-labels 22 x 8mm (outside)		AG 02 551
Barcode-labels 22 x 8mm (inside)		AG 02 550
Hose set CPS-Test (suit with 2 valves)		R 61 886
Hose set CPS-Test (suit with 1 valve)		R 61 887
Transponder reader		65 59 283
Computer Zebra TC-52x set		37 01 050
Computer Zebra MC-3330xR		37 25 820
Drägerware workshop 5000		65 38 007
Drägerware workshop 7000		65 38 008
Drägerware workshop 9000		65 38 021

Minimess® is a trademark owned by Hydrotechnik GmbH.

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION EUROPE

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06406-100 - Barueri - SP
Tel. +55 (11) 4689-4900
relacionamento@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

