

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, that are 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 specially 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.

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/42.8 lb with test head) and a convenient carrying handle, it allows 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 needed. This flexibility allows you to tailor the test design even more comfortably to your requirements. The gel face of the test head, which emulates the elasticity of human facial skin, optimizes 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.

More space due to smaller housing dimensions

Due to the complete redesign of the electronic and pneumatic components, the new housing is about 4 cm/1.6 in narrower and thus creates additional work space. The device will remain compatible with the previous workbench set up.

Benefits

Comprehensive optional accessories

The QSI Box provides noise insulation for 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 pressure gauge or Dräger Sentinel during the test. Furthermore, a compressed air breathing apparatus holder allows you to comfortably position the device at eye level.

System Components

D-1756-2019



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



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 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.



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.

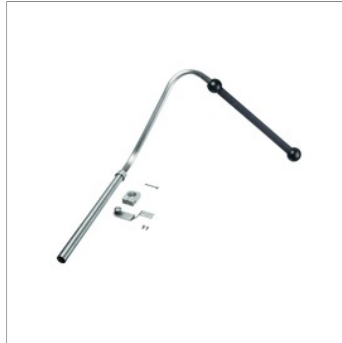
Accessories



Dräger QSI-Box

Used for sound insulation of the low pressure warning

Accessories



D-6657-2010

Compressed Air Breathing Apparatus Holder

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



D-6622-2010

Pressure Gauge Holder

Used for the easy positioning of the pressure gauge or Dräger Sentinel on the test device



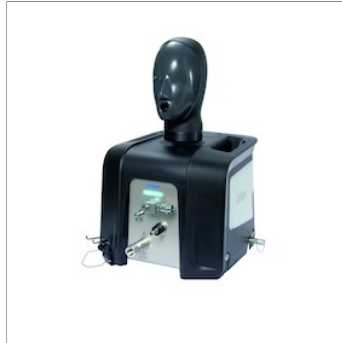
D-37866-2021

Filling nozzle

Minimesse® (f) – 8 mm, complete

Minimesse® 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.



D-849E-2016

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

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 6000

Dimensions with test head (D x W x H)	50 x 55 x 65 mm / 19.7 x 21.7 x 25.6 in
Weight (fully equipped with test head)	19.4 kg / 42.8 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
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 NA	PC-supported semi-automatic test instrument for the testing of full-face masks, chemical protection suits and compressed air breathing apparatus	R 63 160
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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 4500 psi, Minimesse (male) – CGA 347		37 17 565
HP adapter 300 bar, Minimesse® (AG) – 8 mm		37 17 567
Dräger QSI-Box	Used for the sound insulation of the low pressure warning	R 58 382
Compressed air breathing apparatus holder	Used during the test to keep the compressed air breathing apparatus upright	37 16 663
Gauge holder	Used for the easy positioning of the pressure gauge or Dräger Sentinel 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 hose of the compressed air breathing apparatus	R 57 999
2216 Module		R 58 368
4500 psi Outlet		37 23 208
2216 psi Outlet		37 23 207
Pressure Reducer		R 57 584

Ordering Information

Transport Case	37 12 635
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
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

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CORPORATE HEADQUARTERS

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

USA

Dräger, Inc.
7256 S. Sam Houston Parkway W.,
Suite 100
Houston, TX 77085
1 800 4DRAGER
(1 800 437 2437)

CANADA

Dräger Safety Canada, Ltd.
2425 Skymark Ave., Unit 1
Mississauga, Ontario L4W 4Y6
1 877 DRAGER1
(1 877 372 4371)

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

