

Dräger Quaestor 5000 Test Equipment

Empower your service technicians with the Dräger Quaestor 5000, a dynamic test instrument that allows for semi-automatic testing of respiratory protection products. Designed to meet maximum quality standards, the modular Dräger Quaestor 5000 provides reliable and effective test processes—while reducing time and effort.



Benefits

Semi-automatic static and dynamic tests

It combines 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 are fully automated. On the other hand certain individual tests require manual user intervention. With the Dräger Quaestor 5000, a test device is available that has been especially designed for respiratory protection workshops with moderate test volumes.

Optimum tight fit for all mask sizes

The test head can be turned without restriction and removed as required. This flexibility allows the user to tailor the test design even more individually and comfortably to his requirements. The gel face of the test head, which emulates the elasticity of the human facial skin, optimizes the tight fit for all common mask sizes.

Modular product design

The Dräger Quaestor 5000 is available in four different configurations that in each case test full-face masks, chemical protection suits, airline breathing equipment and compressed air breathing apparatus (SCBA) for functionality and leak tightness. The integrated artificial lung further permits dynamic simulated breathing tests. Tests of closed circuit breathing apparatus (CCBA) and safety valves (SV) are also possible. The high-precision and manufacturer-independent measurements are carried out according to NFPA standards, EN 137 and vfdb guideline 0804.

Intuitive software and test documentation

The included software contains a comprehensive database of preinstalled amendable device data. With user prompts and graphic elements the test steps are designed to help the least-experienced user. After every completed test, a report is created for documentation purposes. An optional test-due list provides timely information about tests that are coming due. The software also permits a customer-specific design of the test sequences, events and intervals.

Portability

Due to its small dimensions, the Dräger Quaestor 5000 takes up very little space in the respiratory protection workshop. A reduced weight (max. 21 kg 44 lbs. with test head) and a convenient carrying handle allow 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.

Comprehensive optional accessories

The QSI Box provides a noise insulation for the low-pressure warning resulting in a significantly reduced noise perception by the user. A specially designed bracket ensures a comfortable rest position of the manometer or

Benefits

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 for a positioning at eye level.

System Components

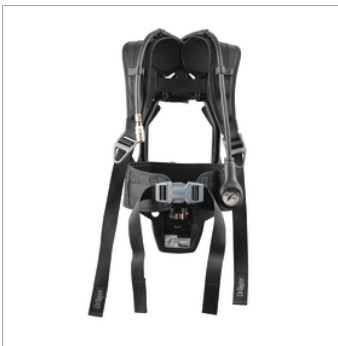
D-39880-2011



Dräger PAS® Lite

For use in industrial applications where a simple, robust, and easy-to-use breathing apparatus is required, the Dräger PAS® Lite Self-Contained Breathing Apparatus (SCBA) combines reliability with comfort and performance.

D-31988-2011



Dräger PSS® 3000

The Dräger PSS® 3000 is a new generation of high-performing breathing apparatus for industrial applications. Combining comfort with exceptional performance, it is designed for applications where simplicity and ease-of-use are essential. Lightweight yet robust, and easy to wear, this advanced breathing apparatus provides the ultimate breathing protection.

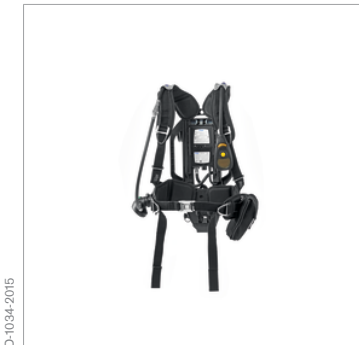
System Components



D-998-2015

Dräger PSS® 5000 (NFPA 2013 Edition)

To be effective at fighting fires, you need breathing protection you can trust in the harshest environments. The Dräger PSS® 5000 is an ergonomically advanced SCBA that offers increased comfort, safety and performance. With a wide range of configurable features—such as bi-lateral hose routing and quick cylinder connection—the PSS® 5000 meets your needs wherever breathing protection is required.



D-1034-2015

Dräger PSS® 7000 (NFPA 2013 Edition)

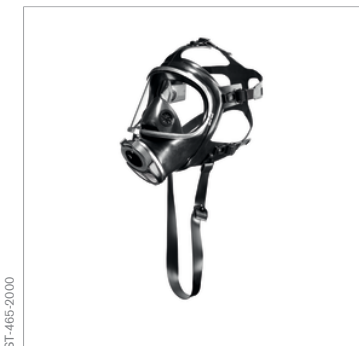
Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 SCBA breathing apparatus provides unmatched comfort, durability and safety in the harshest environments. The ergonomic PSS® 7000 combines trusted pneumatics, flexible fit, and quick cylinder connection—freeing you to concentrate on the task at hand.



D-1231-2015

Dräger FPS® 7000 (NFPA 2013 Edition)

The Dräger FPS® 7000 full face mask sets new standards in safety and comfort. A double sealing line and choice of three sizes ensure maximum protection by adapting to different head and face shapes.

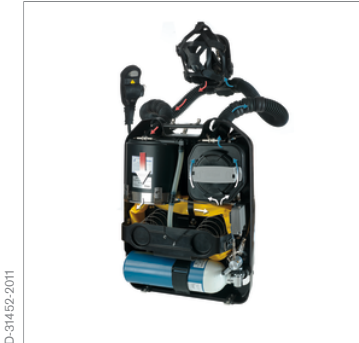


ST-465-2000

Dräger Panorama Nova®

The Panorama Nova® full face mask has been successful in the market worldwide for decades and provides reliable and secure protection. In combination with a compressed air breathing apparatus or re-breather, it is used as a tried and tested face piece by firefighters and in mining.

System Components



D-31452-2011

Dräger PSS® BG 4 plus

Specially designed for demanding tasks, The Dräger PSS® BG4 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 air in toxic environments.



D-4805-2010

Dräger CPS 7900

The Dräger CPS 7900 chemical protective suit is tailor-made for use under extreme conditions. The gas-tight CPS 7900 provides excellent protection against industrial chemicals, biological agents, warfare agents, and other toxic substances. Its unique materials qualify the CPS 7900 equally well for working in explosive settings and for handling cryogenic materials.

Accessories



software

Multilingual Quaestor

Test Software

Accessories



High-Pressure Connections

(inlet/outlet 4500psi)



Table Mount

Accessory



Mains Cable and PC Connection

Cable



Dräger QSI-Box

Used for the sound insulation of the low pressure warning

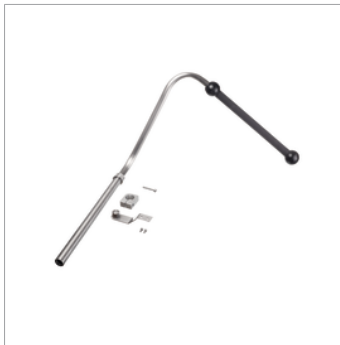
Accessories



D-6652-2010

Medium-Pressure Hose

Hose to extend the connection from the medium pressure inlet to the medium pressure hose of the compressed air breathing apparatus



D-6657-2010

Compressed Air Breathing Apparatus Holder

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



D-6648-2010

Breathing Adapter

Enables a positive tightness test in accordance with vfd 0804

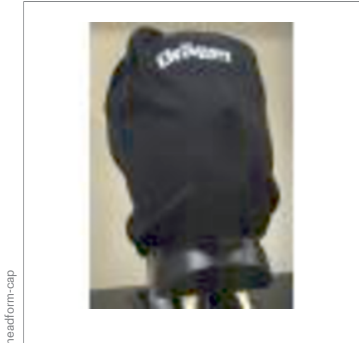


D-6602-2010

Manometer Holder

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

Accessories



Headform Cap



Dräger Protector Software 5.0.3

Services



Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

Technical Data

Dräger Quaestor 5000

Dimensions with test head (W × L × H)	20 × 22 × 26 in (50 × 55 × 65 cm)
Weight (Complete with test head)	44 pounds (20 kg)
Allowable temperature (storage)	-22 to 140 °F (-30 to 60 °C)
Allowable temperature (operation)	32 to 104 °F (0 to 40 °C)
Allowable air pressure	800 to 1,200 hPa
Allowable humidity	30 to 90 % relative humidity
Pressure supply	Cylinder or fixed - 4,351 psi or 330 bar tubing
Accuracy of pressure sensors	Classified < 1.0 according to DIN EN 837
Pressure ranges	High pressure 0 to 5,076 psi (0 to 350 bar) Medium pressure 0 to 362 psi (0 to 25 bar) Low pressure -580 to 435 psi (-40 to +30 mbar)
External cable connections	1 × USB interface to PC 1 × 24 V plug for 110/230 V power consumption 1 × connection for external microphone
Breathing frequency of artificial lung	1 – 40 strokes/min
Maximum respiratory volume	115 L/min

Ordering Information

Dräger Quaestor 5000	Part Number	Description
Dräger Quaestor 5000 Standard	R58315	PC-supported semi-automatic test instrument for the testing of full-face masks, chemical protection suits, airline breathing equipment and self contained breathing apparatus (SCBA). Includes Software and microphone.
Dräger Quaestor 5000 CCBA	R58317	PC-supported semi-automatic test instrument for the testing of full-face masks, chemical protection suits, airline breathing equipment, self contained breathing apparatus (SCBA) and closed circuit breathing apparatus (CCBA). Includes Software and microphone.

Accessories and Spare Parts

Compressed air breathing apparatus holder	R57420
Gauge holder	R58025
HP-Input QC USA 2216 psi	R57617
HP-Input QC USA 4500 psi	R57618
200 bar output connection	R58367
300 bar output connection	R57992
2216 PSI Module	R58368
Gel face	R57447
HP-Input standard USA 4500 psi	R57621
HP-Output 4500 psi assembly	R57954
Medium pressure line	4054459
Safety bypass relief valve assembly	R58229

Notes

Not all products, features, or services are for sale in all countries.
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