

Dräger Aerotest 5000 Monitoring the purity of breathing air

Use the Dräger Aerotest 5000 to check the breathing air purity of a low pressure system (or high pressure system, with the corresponding accessories) in accordance with country-specific standards. The automatic system is extremely user-friendly: Menu-driven measurement, downloading data and printing test certificates make testing and documenting with the Dräger Aerotest 5000 much easier.



D-31508-2011

SIMPLIFIED TEST PROCEDURE

The Dräger Aerotest 5000 represents the newest generation of automatic systems for analysing compressed breathing air. Just enter the respective standard (e.g. EN 12021), and the Dräger Aerotest 5000 will automatically check whether the limit values are met or exceeded.

The system supports you with a clear menu navigation, preset functions and a standard database. This means less work steps and more comfortable operation during the entire process, including printing the test certificate. In addition, the air flow from the air supply is automatically displayed during the test.

USES THE WELL KNOWN DRÄGER-TUBES MEASUREMENT SYSTEM

Dräger Aerotest 5000 determines the concentration of carbon monoxide, carbon dioxide, water vapor and oil in the compressed air flowing off. For this purpose, the test uses the familiar Dräger-Tubes. The optimized measuring method provides reliable results on the purity of the tested breathing air.

SUITABLE FOR TESTING HIGH PRESSURE SYSTEMS

Dräger Aerotest 5000 can be used to test compressed air systems of 2.5 to 10 bar.

However, the test range can be extended with the optional pressure reducer F 3002, which enables you to test the purity of air supplies of up to 300 bar.

TWO OPTIONS FOR MEASURING OIL

Using the Dräger-Tube for measuring oil then select the oil used on the display. 400 oil types are already stored in the database. Particularly convenient: Dräger Aerotest 5000 automatically assigns the corresponding test parameters. The patented Dräger Oil Impactor additionally simplifies testing for oil aerosols: beside conventional oils, it also detects synthetic oils in the compressed air – irrespective of the type and viscosity.

MENU-DRIVEN TEST PROCEDURE

Operation of the Dräger Aerotest 5000 is very easy thanks to its touch screen. The test procedures are menu-driven and self-explanatory. Unlike with other devices, you do not need to fill in any forms to record the result after the end of the test. Just enter the test result via the numeric display.



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Dräger Aerotest 5000

EASY DATA DOWNLOAD AND PRINTING OF TEST CERTIFICATES

The test result is automatically saved and the entered data is protected against manipulation. Another advantage of the system: the included USB stick makes it easy to quickly transfer the data to a PC. This enables you to print a test certificate for the measurement you performed. The USB stick already contains the software for transferring and managing the data.

EASY TRANSPORT AND SETUP

Dräger Aerotest 5000 is very easy to transport. A robust, waterproof case provides optimum protection – essential in harsh working environments. The case also holds all components required for the measurement. In this way, you always have everything you need right at your fingertips. The test device can also be used as a stationary unit if the space at the measuring location is confined. It is operated with six alkaline batteries but can also be connected to the mains.

Hard-top case
Robust and weatherproof.

Dräger-Tubes

Computer-based test unit

USB port

Connecting hose with quick-release coupling



ORDER INFORMATION

Dräger Aerotest 5000

Dräger Aerotest 5000, supplied in a case:

Computer-based test unit

Connecting hose with quick connector

Wall wart supply 100–240 VAC

6 AA alkaline cells

USB stick incl. PC software

Tube opener Dräger TO 7000

Stylus pen

Container for used Dräger-Tubes

(Dräger-Tubes or Dräger Oil Impactor not included)

Order Code

64 01 220



ST-1989-2005

Dräger TO 7000

Accessories

Pressure reducer F 3002 for high pressure systems

33 10 794

Dräger-Tubes Carbon Dioxide 100/a-P

67 28 521

Dräger-Tubes Carbon Monoxide 5/a-P

67 28 511

Dräger Oil Impactor

81 03 530

Dräger-Tubes Oil 10/a

67 28 371

Dräger-Tubes Water Vapor 5/a-P

67 28 531

Tube opener Dräger TO 7000

64 01 200



ST-357-2008

Dräger Oil Impactor

TECHNICAL DATA ¹⁾

Dräger Aerotest 5000

Dimensions (W x H x D)

470 mm x 180 mm x 360 mm

Weight

7.5 kg (16.5 lbs)

Primary pressure

max. 10 bar, with pressure reducer F 3002 max. 300 bar

Power supply

Mains operation with Wall wart supply

Input: 100–240 V, 47–63 Hz, 400 mA

Output: 9 V, 1.5 A

Battery operation

6 AA alkaline cells

Temperature

During storage

–20 °C to +50 °C (–4 °F to 122 °F)

During operation

–10 °C to +45 °C (14 °F to 113 °F)

¹⁾ Subject to alteration



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.