

## Dräger Alcotest® 7000 med Alcohol Screening Device

In the medical field, a breath alcohol test may be necessary. The Alcotest 7000 med fully complies with the Medical Device Regulation (MDR). Moreover the Alcotest 7000 med has been developed for diagnostic use and has been approved as a medical device in accordance with the new MDR guideline. In addition the Alcotest 7000 med is classified as a 'Class Im' and is able to perform fast and reliable breath alcohol measurements in health care institutions.



## Benefits

---

### Only one calibration per year

Typically alcohol testing devices have to be calibrated every six months. Thanks to its exceptional measurement stability, the Dräger Alcotest® 7000 med only needs calibrating every 12 months. Your advantage: You only collect your breathalysers once a year, which saves time and above all, money.

---

### Approval according to the new MDR guideline

The Alcotest® 7000 med is approved in accordance with the Medical Device Regulation (MDR) 2017/745, which has been binding throughout the EU since May 2021. Upon audit by the notified body, as the manufacturer, Dräger has complied with the requirements for approval of the device in accordance with ISO 13485. The proven clinical benefit for the Alcotest® 7000 med is qualitatively complemented by continuous risk management and regular market surveillance.

---

### Particularly easy handling confirmed by application test

With the fulfilment of the new MDR, the Alcotest 7000 med was subjected to an extensive usability test (operation test) by medical professionals. The result confirms its particularly simple and safe operation.

---

### Wide temperature range

With the Alcotest 7000 you can take reliable measurements even in extreme temperatures. The alcohol tester's patented heating system and high-quality materials ensure dependable results in temperatures ranging from -10 °C to +55 °C.

---

### High alcohol-detection limits

The increased performance capacity of the Alcotest 7000 med also includes its measurement range. The maximum blood-alcohol limit that can be set with this alcohol testing device is as high as 6 ‰. If this measurement range limit is exceeded, the display will tell you.

## Benefits

---

### The Alcotest Hygiene Plus

Hygiene is an increasingly important part of our everyday lives. Dräger Alcotest breath-alcohol detection devices use non-invasive measuring technologies with a high degree of hygiene – for the user as well as the test subject. Each time the unit is started, the unit and the ambient air are checked for the presence of alcohol in order to exclude the possibility that a measurement result is influenced by e.g. disinfectants. Thanks to the following features:

- During testing, the exhaled air is directed past rather than through the device
- There is a 90° angle between the user and the test subject during testing
- Disposable mouthpieces are individually packaged (approved for medical use)
- Benefits of the disposable mouthpieces:
  - safe, hygienic distance between user and test subject
  - a spacer on the mouthpiece prevents direct contact between lips and device
  - mouthpiece is easy to remove
  - the non-return valve prevents inhalation of air through mouthpiece

---

### Innovation born out of tradition

With more than 65 years of experience, Dräger is a market leader in the field of breath-alcohol testing. The Alcotest 7000 med is manufactured in Germany and meets the highest quality standards.

## Details



D-24153-2020

Mouthpiece receptacle can be mounted on left or right



D-24151-2020

The 2.4" colour display provides information, notices and warnings



D-24144-2020

Measurement result despite restricted lung function



D-24152-2020

Simple push-button print function



D-24145-2020

USB-C interface for easy charging (with approved power plug)



D-24147-2020

Rubberised handling area for a secure grip

## Accessories

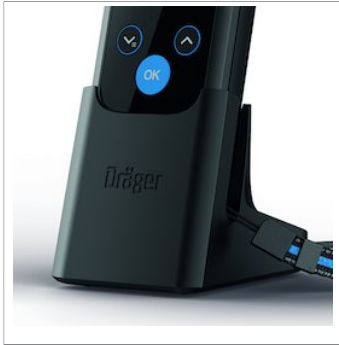


D-26372-2020

### Dräger Mobile Printer BT

The Dräger Mobile Printer BT facilitates wireless printing from any compatible Dräger testing device within a 15-metre radius. You secure the small, lightweight mobile printer to your belt with a retaining clip. The easy to read OK key, used to switch the device on and off, and paper-feed button ensure ease of use. Illuminated symbols provide you with information about the status of the device.

## Accessories



D-25676-2020

### Alcotest 7000 charging station

The Alcotest 7000 charging station makes it easy to charge the lithium-ion version as well as connect to a PC. Use the device's USB-C cable to conveniently charge the breathalyser. The charging station can be fixed in place as required.



D-28757-2009

### Mouthpieces "Alcomed"

A special variant for medical use with the Alcotest 7000 med. offer the mouthpiece "Alcomed". It meets the requirements of the MDR directive with regard to packaging and labelling.



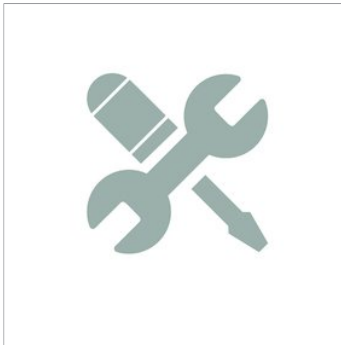
D-25038-2020

### Protection options

To protect the device, Dräger offers device protection bags and various fabric storage bags and transport cases.

## Services

D-2331-2016



### Product Service

Our product service provides support with different service packages – in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability – but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.

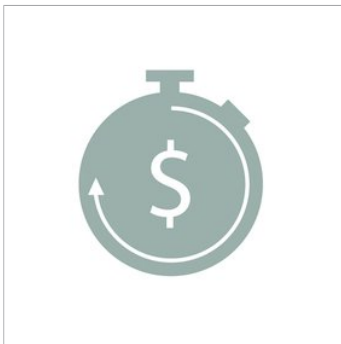
D-2335-2016



### Training

The Dräger Academy has shared its solid, practical knowledge for over 40 years. We hold more than 2,400 training courses each year, on a range of over 600 topics, with more than 110 authorised trainers. We equip your staff with practical knowledge and ensure that what they learn can be applied effectively, both day-to-day and, more importantly, whenever critical situations occur. We will be pleased to develop a customised training programme for you.

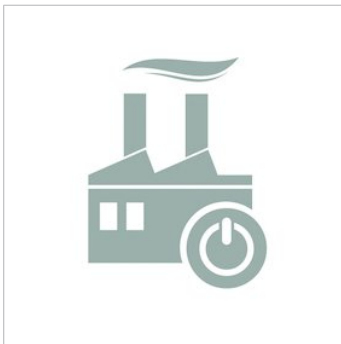
D-2330-2016



### Rental Service

From bridging a temporary shortage of equipment to procuring special equipment for applications involving specific requirements: If you only need to cover a temporary higher demand, then DrägerRental Service with over 65,000 pieces of rental equipment is an economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

D-2329-2016



### Shutdown Safety Service

In need of a comprehensive safety solution? Is there a long list of legal requirements you have to meet, and are you pressed for time? Balancing maximum efficiency with optimal security can pose major challenges. We can help you achieve that balance. Our Shutdown Safety Service is a solution that takes into account all the necessities of downtime and especially your individual requirements.

## Services

D-2332-2016



### On-site Safety Service

Whether through a rental shop, personnel services or comprehensive safety management, our On-Site Safety Services provide support in all projects where there are particular safety risks – not to mention normal day-to-day business.

## Related Products

D-54720-2012



### Dräger DrugTest 5000

No pipetting, no drips, no timing: With the Dräger DrugTest 5000, a drug test is carried out simply and quickly. The collected saliva sample can be analysed immediately – for an accurate result on the spot.

## Technical Data

### Dräger Alcotest 7000 med

Detection basis	Electrochemical DrägerSensor®, 1/4" technology, alcohol-specific
Measurement range	Breath alcohol concentration: 0 to 3.0 mg/L (6.00 ‰) (Ethanol mass per minimum volume at 34 °C and 1,013 hPa) Blood alcohol concentration: 0.00 to 6.00 ‰ (3.0 mg/L) (Ethanol mass per blood volume or mass at 20 °C and 1013 hPa) Visual signal when measuring limits are exceeded
Sample collection	Automatic measurement at the end of the breath sample (breath flow >3 L/min; breath volume >0.3 L) Passive sampling with result display possible
Display of test results	After approx. 3 seconds (at 0.0 mg/l) After approx. 10 seconds (at 0.5 mg/l, at room temperature)
Ambient operating conditions	-10 °C to +55 °C; 10 to 100 % relative humidity (non-condensing); 600 to 1,300 hPa
Ambient conditions during storage	-20 °C to +60 °C; 15 to 75 % relative humidity (10 to 100% relative humidity <48 h); 600 to 1,300 hPa
Display	QVGA TFT colour display 320 x 240 2.4"
LEDs	Tricolour LEDs to help display results and warning messages
Acoustic signals	Various signal tones to support display and warning messages
Memory	Storage of the last 10,000 tests (larger memory possible through software adaptation on request)
Energy supply	Lithium-Version (rechargeable via USB-C connection) Charge status shown in display; one charge is sufficient to perform up to 5,000 breath tests
Mouthpiece receptacle	Single-use mouthpieces with non-return valve can be mounted on left or right
Mouthpiece	Hygienic, individually packaged with tamper-proof, unclosable air outlet, non-return valve, Mouthpiece ejector and spacer between mouth and device housing
Operating design	Measuring functions can be performed with one key; Navigation in menu with two menu keys
Calibration	Wet gas or dry gas calibration; Recommended calibration interval of 12 months
Casing	Impact-resistant ASA/PC
Dimensions (W x H x D), Weight	61 mm x 172 mm x 36 mm; 275 g
Vibration and impact resistance	EN 60068-2-27, EN 60068-2-6; EN 60068-2-64
CE mark with notified body	MDR, ISO 13485
Standards	EN 15964, MDR, ISO 13485
Internal clock	Warning or switch-off after expiry of calibration period (depending on configuration)
IP protection class	IP 54
Interface	USB-C
Bluetooth®	Bluetooth® Low Energy 5.0 (can be activated in the device menu)



## Ordering Information

Dräger Alcotest 7000 med 37 00 399

Measuring device Lithium version (fixed built-in battery) with  
Bluetooth, 3 mouthpieces with non-return valve, wrist strap, USB-  
C cable, calibration certificate.

Dräger Alcotest 7000 charging cradle	37 00 420
--------------------------------------	-----------

Dräger Mobile Printer BT	37 00 421
--------------------------	-----------

Mouthpiece Alcomed with valve/non-return valve (100 pcs.)	37 05 618
---	-----------

Power Supply 3.2 A, 5 V	37 01 090
-------------------------	-----------

## 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](http://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](http://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](mailto: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](mailto: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](mailto: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](mailto:relacionamento@draeger.com)

Locate your Regional Sales  
Representative at:  
[www.draeger.com/contact](http://www.draeger.com/contact)

