

Dräger Alcotest® 6820 med Alcohol Screening Device

The Dräger Alcotest® 6820 med is a special version of the proven Dräger Alcotest® series. The Breathalyser has been designed for diagnostic applications, where the CE marking for medical products is necessary and offers a variety of features that ease daily practices within the medical field.



Benefits

Approved as a medical device

The Dräger Alcotest® 6820 med has a CE marking in accordance with EU directive 93/42/EEG for medical devices. The Dräger Alcotest 6820 med, therefore, meets all the requirements for use in surgical operations, in the emergency room and for methadone substitution therapy.

Sophisticated technology

The electrochemical DrägerSensors delivers reliable results quickly even with high alcohol content. Blowing resistance is low, therefore the test can also be used if the test person has a low respiratory volume. The automatic adjustment measures the respiratory flow and adapts the minimum volume in such a way that air is taken from deep inside the lungs. Manually triggered collection can even be used for people who are not conscious. The device displays the test results on a backlit graphics display with LEDs in different colors and, with acoustic signals.

Safe and hygienic

The device meets maximum hygiene requirements. This includes a patented single-use mouthpiece with a non-return valve. Another feature is the spacer which prevents direct contact between the lips and the device. When the test is completed, the mouthpiece can be removed quickly, securely and hygienically from the device.

Easy handling

The instrument is no bigger than a shirt pocket and is easy to operate. The mouthpiece can be fitted quickly and securely. Thanks to the special ergonomic shape the device can be operated by right-handed or left-handed persons.

Recording test results

The Dräger Alcotest 6820 med has a memory for 2,000 test results. Via an optical interface, the results can be printed on the Dräger Mobile Printer or, transferred to a PC.

Low energy consumption

The device is powered by two 1.5 V AA Alkaline batteries, sufficient for approximately 1,500 tests at room temperature. Alternatively, two 1.2 V rechargeable NiMH batteries can be used. They can be charged inside the device.

Accessories

D-28757-2009



Mouthpieces

Mouthpieces are supplied in packs of 100, 250 and 1,000, with non-return valve.

ST-8404-2006



Dräger Mobile Printer

The Dräger Mobile Printer prints breath alcohol and drug test measurement results directly on the spot.

ST-210-2004



Leather pouch

Leather pouch in black or yellow for belt fastening

D-1111-2014



System case

Case for the Alcotest® 6820 med and the Dräger Mobile Printer

Accessories

D-9486-2014



Power supply

Alkaline batteries for Alcotest® 6820

D-12913-2009



Power Supply

Charger for charging the NiMH batteries in the Dräger Alcotest® 6820

ST-14738-2008



12-V charging cable

Car charger

D-12910-2009



PC connection cable with USB interface

USB cable for data transfer

Related Products

D-42702-2015



Dräger DrugCheck® 3000

Use the Dräger DrugCheck® 3000 to find out within minutes if a person recently consumed certain drugs. The compact and quick saliva (oral fluid) based drug test yields reliable results affordably and easily. The non-invasive drug test kit does not require electricity and can therefore be used anywhere.

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 accurate results on the spot.

Technical Data

Measuring principle	Electrochemical sensor
Measurement range	0 to 2.5 mg/L
Sampling conditions (automatic measurement)	At the end of the breath sample
	Breath flow: > 3 L/min
	Breath volume: > 0.3 L
Measurement accuracy	0 to 0.5 mg/L: ± 0.008 mg/L
(standard deviation with an ethanol standard)	> 0.5 mg/L: ± 1.7 % of measured value
Sensitivity drift	Typically 0.4 % of measured value per month
Cross sensitivity to anesthetic gases	None
Calibration interval	6 months
Memory	Space for saving the last 2000 tests with test number, date and time
Functional test Weekly	(recommended)
Dimensions (H x W x D)	Approx. 65 mm x 147 mm x 39 mm / 2.56 in x 5.79 in x 1.54 in
Weight	Approx. 260 g
Electrical supply	2 x 1.5 V Type Alkaline (Mignon, LR6, AA), approx. 1500 measurements at room temperature, or 2 x 1.2 V NiMH rechargeable batteries (Mignon, LR6, AA)
Interface	for data transmission to a PC
Classification as per Directive 93/42/EEC, Annex IX	Measuring instrument: Class I with measuring function Mouthpieces: Class I
UMDNS-Code	17-475
CE conformity	EMC Directive 93/42/EWG for medical devices

Ordering Information

Dräger Alcotest® 6820 med	83 26 270
(Measuring instrument, 3 mouthpieces, batteries, hand strap and case)	
Mouthpieces (100 pieces) with non-return valve	68 11 055
Alkaline battery	13 35 804
Rechargeable NiMH battery	18 90 092
Power supply for charging NiMH batteries inside of the Dräger Alcotest® 6820 med	83 16 991
Car charger	83 20 252
System case	83 19 330
Ethanol standard solution 1,21 g/L for functional test (500 mL)	67 28 838
Diagnostics, PC program for communication with the Dräger Alcotest® 6820 med	83 17 915
PC connection cable	83 19 715
Dräger Mobile Printer	Standard
	Modular system
Printer paper (5 rolls) 7 year shelf life	83 19 310
Printer communication cable with Mini-USB for use with Dräger Mobile Printer	83 19 340
	83 19 002
	83 18 657

Notes

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 DACH
Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE
Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA
Drägerwerk 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
Dräger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

**REGION CENTRAL
AND SOUTH AMERICA**
Dräger Panama S. de R.L.
59 East Street, Nuevo Paitilla, House
30
San Francisco Town
Panama City, Panama
Tel +507 377 9100
Fax +507 377 9130
servicioalcliente@draeger.com

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

