



ST 4375-2006

THE PERFECT TEAM.

DRÄGER ALCOTEST 6810 AND THE DRÄGER MOBILE PRINTER.

DETECTION
PERSONAL PROTECTION
DIVING TECHNOLOGY
SYSTEMS TECHNOLOGY
SERVICES

Drägersafety



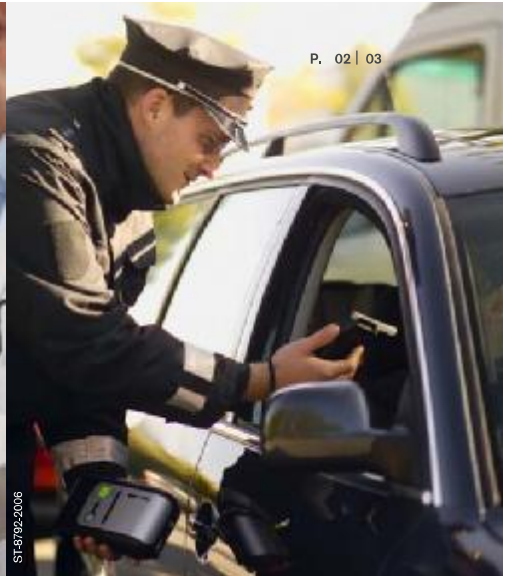
That's what we call systematic measurement: on-site breath alcohol analysis and results documentation.

FOR MORE THAN HALF A CENTURY, PEOPLE ALL OVER THE WORLD HAVE RELIED ON DRÄGER BREATH ALCOHOL MEASURING INSTRUMENTS IN THEIR DAILY WORK. THE ELECTRONIC HANDHELD INSTRUMENTS FROM DRÄGER'S ALCOTEST SERIES HAVE BEEN INTERNATIONALLY TRIED AND TESTED, WITH OVER 100,000 UNITS SOLD WORLDWIDE SINCE THE LATE 1980S – WITH GOOD REASON.

Over the years, the requirements for accuracy, speed and test frequency, not to mention effective and cost-efficient use, have risen considerably. Dräger's response is to produce equipment which combines decades of experience with the very latest technology.

In launching its innovative Dräger Alcotest 6810 and Dräger Mobile Printer combination, Dräger has once again focused entirely on meeting the needs of its customers. The system is impressive, offering extreme ease of operation and cost-efficiency. Both devices can be recharged easily from any power sources using the same connection cable, and the Dräger Mobile Printer is a

thermal printer which requires no expensive cartridges or ink ribbons. The handheld Dräger Alcotest 6810 instrument and the new Dräger Mobile Printer provide you with the ideal solution for quickly and precisely measuring breath alcohol levels, allowing the result to be documented on a tamper-proof record on site. This is made possible by an optical interface via which data are sent wirelessly to the Dräger Mobile Printer. As one would expect of such a perfect team, any calibration records for the Dräger Alcotest 6810 which are generated for the purposes of quality control can likewise be printed out on the Dräger Mobile Printer.



Manager

"We don't want to take even the slightest risk. A clear head is essential in our line of work."

Physician

"I need to be able to rely on accurate results. After all, people's health is at stake – sometimes even their lives."

Police Officer

"I have to be able to perform a quick breath alcohol measurement even in adverse conditions."

In police work, some situations will never be routine. One such scenario is certainly a spot traffic check. Wherever you are trying to catch drink drivers, we are on hand to help. Sometimes, however, the conditions for breath alcohol measurements are just as problematic as the test subjects themselves. The system offers key advantages, particularly when roadside measurements need to be carried out in poor lighting conditions. In stressful situations which permit little or no reaction time, the system makes life easier for the user with its intuitive operation and reliable results. What is more, the printout which is ready in no time at all shows the results in black and white. Decisions can be made immediately and the correct action taken.

Alcohol abuse at the workplace can have far-reaching and expensive consequences. Governments and businesses have learnt their lessons from a number of serious accidents: international laws and regulations have been tightened, especially for people working in hazardous or highly sensitive areas such as local

public and dangerous goods transport. Alcohol measurements are an essential part of attempts to achieve maximum (operational) safety, to which a highly modern system like the Dräger Alcotest 6810 and Dräger Mobile Printer can make an important contribution. The system can be used quickly and easily by personnel responsible for taking samples, thereby helping to establish the procedure as a test method in companies and factories.

In cases where frustration and aggression are a common problem, alcohol can quickly be viewed as a friend. Alongside preventive action, regular checks are the only way to remain in full control of all situations and put a stop to the abuse of alcohol and drugs in the prison service and other institutions which are similarly inflammatory in nature.

Because the system is so easy to use and delivers a result immediately, those in charge can quickly take the necessary action.

The combination of the Dräger Alcotest 6810 med – a version of the 6810 family approved as a medical device – and the Dräger Mobile Printer offers everything you need in a wide range of medical settings.

Speed is often of the essence in medical situations. Short journey times and rapid responses can save lives. The mobile system is a useful aid to emergency medical personnel, e.g. when administering first aid at the scene of an accident. A passive measurement requiring no active participation on the part of the patient can even be carried out on unconscious individuals to check for the presence of alcohol. The Dräger Mobile Printer records the measurement result – where even it is needed – as the basis for subsequent treatment.

Especially when monitoring addicts undergoing substitution therapy programmes, the fact that the system is tamper-proof, can easily and precisely measure alcohol, and offers complete documentation can greatly reduce the day-to-day workload for medical staff and accelerate processes. This system offers you an efficient instrument which ensures greater transparency and quality in drug substitution therapy.

This is how perfect teamwork should be.

THE PREFERRED CHOICE OF USERS, AND FEARED BY ALCOHOL ABUSERS: THE DRÄGER ALCOTEST 6810 OFFERS FAST AND RELIABLE BREATH ALCOHOL ANALYSIS. THANKS TO ITS WIDE RANGE OF POSSIBLE CONFIGURATIONS, IT CAN BE EASILY ADAPTED TO DIFFERENT NATIONAL AND INTERNATIONAL LAWS AND GUIDELINES. THE HANDHELD INSTRUMENT IS SIMPLE AND INTUITIVE TO USE AND DELIVERS PRECISE MEASUREMENT RESULTS IN THE BLINK OF AN EYE.

Slide 'n' click mouthpiece

Enables intuitively correct connection even in adverse conditions.

LED

Colour LED for improved display of status and results.

Display

The user is supported by a large illuminated display with easily comprehensible full-text messages and an audible signal.

Optical interface

Wireless data transmission to the Dräger Mobile Printer.

Menu keys

Quick access to the last 250 measurement results saved (plus test number, date and time) and easy configuration of the device with scroll function.

OK key

All measurement functions are performed using just one key.

Housing

Practical and ergonomic design, featuring impact-resistant materials for safe handling and reduced risk of infection.

Power supply

Flexible power supply using conventional or rechargeable NiMH batteries. Easy recharging with same cable used for both devices.



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Documentation of results in the blink of an eye.

WE MAKE CHILD'S PLAY OF DOCUMENTING THE RESULTS OF BREATH ALCOHOL ANALYSES ON SITE. WEIGHING JUST 400 GRAMMES, AND WITH ITS COMPACT DIMENSIONS OF 110 X 60 X 205 MM, THE DRÄGER MOBILE PRINTER COULD HARDLY BE MORE PORTABLE. IT EVEN FEATURES MAGNETS FOR ATTACHMENT TO METALLIC SURFACES LIKE VEHICLES OR CONTAINERS. EVEN AT LOW TEMPERATURES THIS STURDY DEVICE WILL NOT LET YOU DOWN. THE LOW COSTS OF CONSUMABLES, THE LONG LIFETIME OF THE THERMAL HEAD AND THE EASY PAPER REPLACEMENT MAKE THE DRÄGER MOBILE PRINTER PARTICULARLY USER-FRIENDLY.

Results documentation

Space for your logo and individual text.

Thermal print technique

Requires no ink cartridges or ribbons.
Produces permanent and reliable records.

On/Off key

To switch the printer on or off, start paper feed and perform test print.

LED

Three-colour LED and an audible signal, individually or in combination, give a status display.

Open key

For straightforward replacement of paper rolls.

Operating Instructions

Short operating instructions are found on the rear at the instrument, to give a quick and simple reference for those who's use is less frequent.



THE SYSTEM

THE PERFECT TEAM

From measurement to documented record:
fast, reliable, wireless.

ST-8545-2006



ST-6769-2006



ST-6886-2006



ST-6769-2006



ST-8402-2006

The system is at home everywhere:

Text can be viewed and output in different languages.

NO MATTER WHERE YOU PLAN TO USE THE SYSTEM – IN POLICE WORK, INDUSTRY OR HOSPITAL WARDS – AND NO MATTER HOW OFTEN: YOU CAN RELY 100 PERCENT ON THE DRÄGER ALCOTEST 6810 AND THE DRÄGER MOBILE PRINTER.

We have equipped both devices with features designed to make them as easy as possible to operate, as far as possible ruling out user errors in stressful situations. Data transmission via an optical interface allows fast and tamper-proof recording of all test data, and also makes connection

problems and "cable spaghetti" a thing of the past. Easy recharging from any power sources, the same connection cable for both devices, and identical rechargeable or conventional batteries maximise device availability.

Measurement and documentation in less than 10 seconds.



Measurement



Data transmission



Printout of results

TECHNICAL DATA*

Dräger Mobile Printer		
Ambient conditions	Operation	Temperature -5 to +50°C Humidity 100%, non-condensing
	Storage	Temperature -20 to +50°C Humidity 100%, non-condensing
Dimensions	110 x 60 x 205 mm (W x H x D)	
Weight	approx. 400 g	
Power supply	4 x 1.5 V alkaline batteries (Mignon, LR6, AA) or 4 x 1.2 V NiMH rechargeable batteries (Mignon, LR6, AA)	
Components		
Printer	Thermal printer	
Printer paper	Thermal paper, width 58 mm Shelf-life 7 or 25 years	
CE mark	Directive 89/336/EEC Electromagnetic compatibility	

ORDER INFORMATION*

Dräger Mobile Printer	83 19 310
Printer paper (5 roles), 7 year shelf-life	83 19 002
Printer paper with long shelf-life and margin printing, 25 year shelf-life	83 18 461
Alkaline battery (1 pcs.)	13 35 804
NiMH rechargeable battery (1 pcs.)	18 90 092
Charger for the NiMH batteries in the Dräger Mobile Printer	83 16 991
Network adapter	83 19 348
PC connection cable with Mini-USB	83 18 857

*For information about the Dräger Alcotest 6810 and 6810 med, and about the Dräger Alcotest 7410 family, please refer to the product information sheets.