

Alcotest 7410^{Plus} com

Alcotest 7410^{Plus} com, the newest version of the proven Dräger Alcotest 7410 product family, is an electronic measuring instrument for determination of breath alcohol concentration. Besides the exceptional measuring quality of the electrochemical DrägerSensor and the proven reliability, it offers a variety of properties facilitating particularly the daily application for traffic control.

The Alcotest 7410^{Plus} com offers you:

- full text display and 3 LED colors for maximum ease of use
- real time clock with date and time
- exceptionally fast DrägerSensor with very good long-term stability
- monitors breath flow and automatically adjusts the minimum volume required to ensure deep lung air is taken
- passive sampling possible
- low energy consumption and a warning at 50 remaining tests
- notification of the end of calibration period (optional instrument lock-out)
- data memory for more than 9700 measurement results
- statistical options
- data interface to a PC (RS 232)
- evaluation, printout and management of stored data with the Dräger PC software "View 2000".



Technical data

Measuring principle	electrochemical sensor	
Measuring units	mg/L, ‰, % (further measuring units available)	
Measurement range	0.00 to 1.50 mg/L; 0.00 to 3.00 ‰	
Display range	0.00 to 9.99 mg/L; 0.00 to 9.99 ‰	
Ambient conditions for operation	- 5 to 45°C / 23 to 113°F (and at - 20°C / - 4°F but not for more than 30 min and only after being kept above 0°C / 32°F until use)	
Breath volume	typically 1.2 L (adjustable)	
Measurement accuracy (max. error of repeatability with an ethanol standard)	0 to 0.5 mg/L: 0 to 1.0 ‰:	± 0.03 mg/L ± 0.05 ‰
	> 0.5 mg/L: > 1.0 ‰:	± 5 % of measured value
Sensitivity drift	typically 0.6 % of measured value/month	
Intervals before readiness for operation	1 st measurement: approx. 15 s after determining a previous test result in range: up to 0.19 mg/L: 10 s > 0.95 mg/L: 90 s	
Calibration interval	recommended 6 months (depends on required accuracy)	
Dimensions	70 mm x 230 mm x 34 mm (W x H x D)	
Weight	approx. 500 g	
Please notice that the number of available display languages is limited.		

Order list

Alcotest 7410 Plus com (including power supply unit)	83 15 700
Power supply unit:	
rechargeable power supply unit	83 11 770
alkaline battery supply unit	83 15 690
motor vehicle connection 12 V	83 11 790
Mouthpieces (25 pieces):	
with non-return valve	68 05 703
without non-return valve	68 05 700
Charging station 230 V	83 12 590
PC software "View 2000"	83 15 140
Alcotest 7410 Printer	83 15 950

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DrägerService

Dräger equipment must always be fully operational and safe. DrägerService offers a regular inspection service and is quickly available in the event of malfunction. Your equipment will be repaired and back in operation as quickly as possible. Dräger-Service facilitates the vital flow of information between client and manufacturer.

Dräger Expertise

Since 1889, Dräger has had an outstanding reputation for solving problems in the field of human breathing. Dräger has been deeply involved in the handling of gases, in particular hazard protection and the saving of life in medical and industrial emergencies. Many of the company's 9500 employees are active in research and innovation to ensure that the latest techniques and scientific advances are fully tested before their inclusion in new equipment.



Dräger Worldwide

The Dräger sales and service organisation is spread throughout the world. It comprises more than 25 subsidiaries and associated companies to ensure that Dräger is always within easy reach of its clients and in close contact with all important markets. Dräger's ever increasing market share demonstrates the company's international competitiveness and strength.

Dräger has subsidiaries in the following countries: Australia, Austria, Belgium, Bulgaria, Canada, China, Croatia, Czech Republic, Denmark, France, Great Britain, Hungary, Indonesia, Italy, Japan, the Netherlands, Norway, Romania, Singapore, Slovenia, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand, Yugoslavia, USA. Additionally, Dräger is widely represented in Central and South America, Africa, the Middle East, the Far East and Eastern Europe.

Quality and Environmental Management

Our mission includes the continuous improvement of our Quality and Environmental Management Systems in accordance with ISO 9001 and ISO 14001.