



Dräger accuro Pump for Gas Detection Tubes

Fast measurement with one hand: The Dräger-Tube pump accuro allows you to use the established Dräger-Tubes to take measurements under extreme conditions. The easy-to-use Dräger-Tubes have already been calibrated and form a perfect unit with the Dräger-Tube pump.

Dräger accuro



ST-2436-2003-pl-en

Benefits

Mobile spot measurement

This manual pump is used for spot measurements such as the detection of concentration peaks, confined space entry, worst-case scenarios etc.

Functional bellows pump

The Dräger-Tube pump accuro draws in 100 ml per stroke. When measuring, the pump body (bellows) is pressed together completely. The exhaust valve is closed during the opening phase of the bellows so that the gas sample flows through the connected Dräger-Tube into the pump. After the complete opening of the pump body into its original position the suction process is finished. The end of stroke is visible by a pressure-controlled end of stroke indication, located in the pump head.

Sampling

The Dräger-Tube pump accuro is primarily used to measure over 500 substances with Dräger direct reading colorimetric indicating tubes. It can also be utilized with sampling tubes to draw a specified volume of air into a carrier material, such as activated charcoal or silica gel. The target substance is collected on the carrier material through adsorption or chemisorption, and the tube contents are subsequently analyzed in a laboratory using instrumental methods like gas chromatography.

One-handed operation

Frequently, measurements need to take place under extreme conditions, e.g. on ladders, in shafts or when wearing heavy breathing protection. The Dräger-Tube pump accuro can easily be operated with one hand and enables a reliable measurement also in difficult-to-access places.

System Components



Dräger-Tubes® for short-term measurements

The Dräger short-term detector tubes have proven to be a very cost-effective and reliable way to measure toxic gases and vapors in the workplace.



Dräger sampling tubes and systems

High precision guaranteed: The Dräger sampling tubes and systems are very reliable in use even with complex compounds and mixtures of substances.

2-925-91

Accessories



Dräger Tube Opener

The Dräger Tube Opener 7000 enables you to open the tips of the Dräger-Tubes, pre-tubes and sampling tubes in an efficient manner, with improved safety and contains the tips of the tubes for responsible disposal.

ST-1990-2005



Dräger accuro extension hoses

For use in hard-to-access locations such as shafts.

Available in the following sizes:

- 1 m
- 3 m
- 10 m
- 15 m

ST-14319-2008

Accessories



D-13066-2010

Hot air probe

Enables the measurement of extremely hot gases, e.g. in combustion plants (up to 650 °C).



D-13069-2010

Bar probe 400

Is used for clearance measurements in containers, e.g. intermodal shipping containers.



D-20097-2020

Soft-Side accuro kit

Nylon case with accuro, tube opener and spare parts set; space for 9 packages of tubes and a 3 meter extension hose.



Hard-Side accuro kit

Rigid thermo plastic case with accuro, tube opener, and spare parts set; space for up to 6 packages of tubes.

Technical Data

Dimensions (W x H x D)	170 x 45 x 85 mm (6.7 x 1.8 x 3.3 in)	
Stroke volume	100 ±5 cm ³	
Weight	250 g 8.8 oz	
Ambient conditions	Temperature: -20 °C to +50 °C (-4 °F to +122 °F) Relative humidity: 0 – 95 % non-condensing	
Approvals	CE-certified (EN 0158)	64 00 561
	ATEX	I M1 II 1GD IIB 85°C T6 II 2G IIC T6 -20 °C ≤ Ta ≤ +50 °C
	DIN EN ISO	17621

Ordering Information

Dräger accuro	Gas detector pump Dräger accuro and tube opener Dräger TO 7000	6400000
Soft-Side accuro kit	accuro pump, tube opener, spare parts, allen tool, and nylon case	8317186
Hard-Side accuro kit	accuro pump, tube opener, spare parts, allen tool, rubber caps and molded case	4056443
Spare parts kit for Dräger accuro	6 x valve disc, 1 x window, 3 x membrane, 1 x insert and 1 x grommet	6400220
Extension hose 1 m	Incl. adapter for Simultaneous Test Set	6400561
Extension hose 3 m	Incl. adapter for tubes and adapter for hose in a carrying box	6400077
Extension hose 10 m	Incl. adapter for tubes and adapter for hose	6400078
Extension hose 15 m	Incl. adapter for tubes and adapter for hose	6400079
Tube opener Dräger TO 7000		6401200
Adapter for Dräger simultaneous test set	Incl. cutting holder and adapter	6400090
Additional accessories upon request.		

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

USA

Draeger, Inc.
7256 S. Sam Houston Parkway W.,
Suite 100
Houston, TX 77085
☎ 1 800 4DRAGER
(1 800 437 2437)

Canada

Draeger Safety Canada, Ltd.
2425 Skymark Ave., Unit 1
Mississauga, Ontario L4W 4Y6
☎ 1 877 DRAGER1
(1 877 372 4371)



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