

Dräger

## Dräger Tube Accuro Hand Pump

Pine Item #51373

### DESCRIPTION:

#### 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.

#### Sampling

During the sampling process the substances to be evaluated are firstly accumulated on a suitable carrier material, e.g. activated charcoal, silica gel and so on. The air to be evaluated is thereby drawn over the respective material - with a predefined flow rate and duration. Afterwards, the substances that have accumulated on the carrier material through adsorption or chemisorption are examined qualitatively and quantitatively in the laboratory using instrumental analysis such as gas chromatography.

#### 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.

#### 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.

### FEATURES:

- For spot measurements with a limited number of strokes
- Integrated stroke counter for safe control
- Easy to operate with one hand
- Can be used in explosive areas



### APPLICATIONS:

- Workplace air investigation measurement for contaminants
- Investigation of confined spaces such as grain silos, chemical tanks, and sewers
- Technical gas analysis
- Emission concentrations
- Compressed air for breathing apparatus and compressed gases

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## Product Specifications

<b>Dimensions (W x H x D)</b>	170 x 45 x 85 mm
<b>Weight</b>	250 g
<b>Stroke volume</b>	100 ±5 cm <sup>3</sup>
<b>Ambient conditions</b>	Temperature: -20 °C to +50 °C Relative humidity: 0 – 95% non-condensing



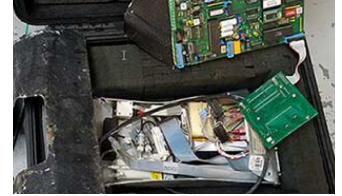
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