Product information

SEWERIN

ETHAN-BOX

Ethan-Box

Natural gas or marsh gas? - Precisely identifiable!

- portable analysing box for the distinguishing natural gas and biological gases (e. g. fermentation gas, marsh gas)
- natural gases contain in contrast to marsh gas low shares of ethane (typical values: 0,3 ... 8,0 Vol.%)
- useable in combination with an existing combination measuring instrument **EX-TEC® SR 5**, **EX-TEC® SR 6**, **VARIOTEC® 8**, **VARIOTEC® 8-EX** or **VARIOTEC® 9-EX** and search probe
- the sample to be examined is pushed through a cromatographic separating column inside the **ETHAN-BOX** by the carrier gas synthetic air where it is separated into its components
- the following components are shown one after the other in the displays of the combination measuring instrument and are retrievable after measuring:
  - Total of **hydrocarbon CH**
  - Shares of **methane CH_4**
  - Shares of **ethane C_2H_6**
  - Shares of **propane C_3H_8**
- easy identification by ethane analysis, if the gas leak is caused by a leak of the gas utility or marsh gas
- avoid wasted excavations
- possibility of ethane analysis within the range of approx. 1 ... 100 Vol.% gas inside the probe hole

- time saving with on the spot analysis during network survey
- time intensive analysis can lapse
- no power supply required
- delivery completely with 1-litre-carrier gas can synthetic air

Technical data

principle of measuring:	cromotographic separating column
operational time:	approx. 5 h (... with 1 carrier gas can)
operational temperature:	-5 °C up to +30 °C
storage temperature:	-25 °C up to +70 °C
dimensions (W x H x D):	257 x 110 x 70 mm (... without carrier gas can)
weight:	1.300 g

Accessories

- carrier gas can synthetic air
- search probe with 245 mm or 345 mm probe tip
- probe hose 1m

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We are certified in accordance with EN ISO 9001