

ETHYLENE-MONITOR

for control of catalysts in CO₂ fertilization systems
or for C₂H₄ detection for ripening process control



Ethene acts as a hormone in the ripening process of plants. To avoid destruction of plants and fruits because of high ethylene levels it is necessary to know the real amount of C₂H₄ in the atmosphere

To measure the ethene concentration on a very low level a new GC with PID detector was developed. It can be used for detection of ethylene and control of the catalysts, which are used to remove the C₂H₄ from the exhaust gas in CO₂ fertilization systems.

Also for online detection of ethylene level in storage houses or while transportation it can be used.

FEATURES

- PID detector 10,6eV
- Range: 0-1000ppb
- RS 232 protocol ASCII or Modbus
- 2 analog output signals 0-10V
- 4 OC inputs, 4 OC outputs
- Sample Loop
- 2 columns (pre and analytical)
- Column oven isotherm
- 10 port valve with backflush function
- Cycle time 360s
- Carrier gas N₂ 5.0
- Internal microprocessor
- LCD Display
- 230V/50Hz
30W
- 19" rack mount housing, 4HU

Ethylene Monitor

GC-EASYTHENE

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