

315 NMHC Cutter



Signal Group's 315 NMHC cutter provides the capability to measure methane and non-methane hydrocarbons only for clients with a standard heated flame ionisation detector (FID).



Ancillary products
working alongside
our gas analysers

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315 NMHC Cutter

An external non-methane hydrocarbon cutter provides capability to measure methane only for clients with a standard heated flame ionisation detector (FID).

The Model 315 provides a low cost alternative to "all in one" FIDs with a built in cutter.

Housed in a 19" rack-mount case suitable for inline usage with portable and fixed equipment, this unit is ideal for use with 3010 or SOLAR FID units. Two modes of operation allow a reading for either total hydrocarbons or methane only, allowing you to derive a value for non-methane hydrocarbon concentration.



SPECIFICATION

EFFICIENCY:

>98%

CHAMBER TEMPERATURE

Factory preset

WEIGHT

6kg

CATALYST TEMPERATURE:

<300°C

TEMPERATURE CONTROL

PID control

CALIBRATION SOLENOID TEMPERATURE:

200°C

GAS CONNECTIONS

1/4" stainless steel

HEATED FILTER TYPE:

Quick release via rear panel.
Hydrocarbon free. Fibreglass 0.1 micron. Heated to 200°C

SAMPLE FLOW

3 litres/min

FILTER TYPE

Stainless steel sintered disk

MAINS VOLTAGE:

220V/240V/50Hz 110V/120V/60Hz

AVERAGE FILTER PORE SIZE

100 micron

POWER:

<300W

CHANGEOVER VALVE

Electric valve

CONVERTER CHAMBER

Fully heated

MAX INLET THC CONCENTRATION

2000ppm propane equivalent

GAS CONTACT MATERIALS

316 stainless steel

WARM UP TIME

Average 60 minutes

Authorised Representative:



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