



Catalyzer

Provides hydrocarbon-free air for experiments



To make full use of the possibilities of our detectors, Sensor Sense has developed a number of peripherals that make setting up experiments easy.

The catalyzer provides you with hydrocarbon-free air to perform experiments. It consists of containers filled with platinum granules that catalyse the oxidation of hydrocarbons into water vapour and CO₂.

This robust tool is built to be price effective, user friendly and to last for many years when used under atmospheric conditions.

The catalyzer is designed to meet the requirements for the ETD, however, it operates as a stand-alone device and can therefore be used for a broad range of other applications.

Technical Data

Gas	Air
Maximum dilution	100 ppmv
Output dilution	< 100 pptv
Removes	small hydrocarbons and particulate matter
Flow	0-30 l/h
Pressure	0-6 atm
Active Catalyst	Pt/SiO ₂
Catalyst Temperature	150 – 250 °C
Heat up time	< 10 min
Dimensions	40x25x20cm (LxWxH) (3U, half rack)
Operating temperature	5-40 °C
Humidity	0-95 % (non-condensing)
Power input	90-264 VAC, 47-63 Hz
Power Consumption	85 W
Gas input/output	1/8" Swagelok