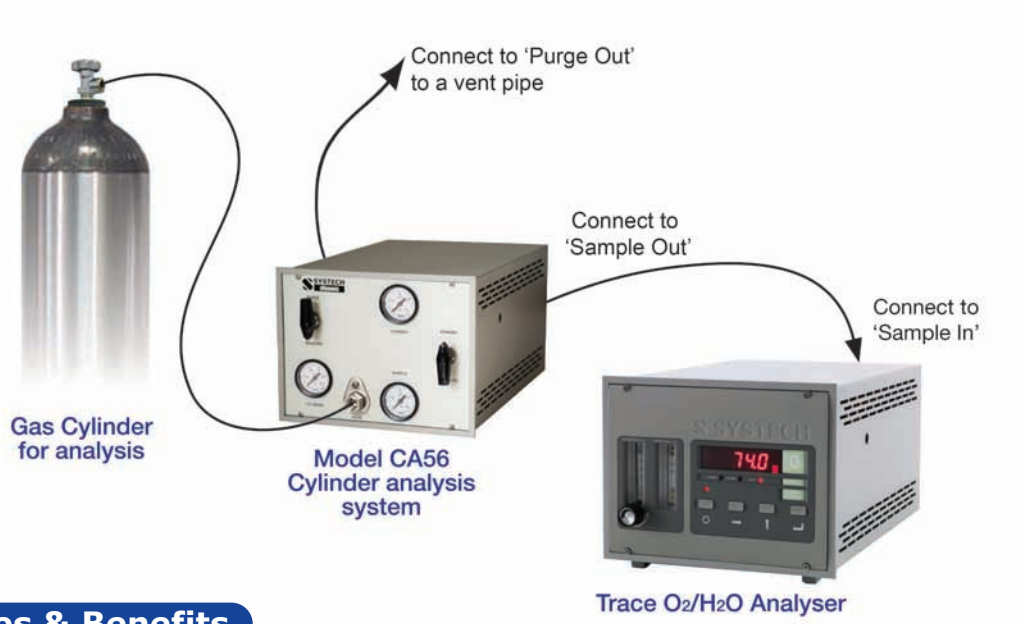
CA56 Cylinder Analysis System

SYSTECH Illinois

Cylinder Analysis System for measurement of trace gas impurities in inert gas cylinders



Features & Benefits

- Simple high pressure (250 Bar) connection to the cylinder
- Quickly determine trace gas impurities within minutes.
- Can be used with any gas analyzer

Technical Specifications

Test Cylinder Pressure	2-250 barg (15-3700 PSI) regulated
Gas Fittings	1/8 in Swagelok® (supplied)
Enclosure	Epoxy coated heavy gauge steel
Dimensions	9.3W x 15.4D x 7.5H in (237W x 390D x 190H mm)
Weight	15.4 lb (7 kg)

The cylinder analysis system from Systech Illinois is capable of quickly and easily measuring trace gas impurities such as oxygen, moisture or other trace impurities. This is essential for inert gas manufacturers who require every gas cylinder to be checked for impurities before delivery to their customers.

The issue with using trace oxygen and moisture analysers in this type of application is the time required for the cells to purge down to low levels. To purge the system from ambient air can take several hours or even days. This makes the analysis of many cylinders per day very challenging.

Therefore Systech Illinois have developed a cylinder purge sample system to make these connections simple, to purge each cylinder and to determine the trace impurities within minutes.

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Systech Illinois reserve the right to change specifications without notice. 2016/08