The Model SS-TEG is a sample system designed to present a sample of Natural Gas to the Sensor/Transmitter of a moisture analyser when TEG or heavy hydrocarbon condensate may be present, typically downstream of a glycol contactor.

**Professionally built - Easy to install - Rugged - Compact Design**

The system includes particle filtering, pressure control and flow control to condition the sample for presentation to the moisture sensor, which is incorporated into the system. It can either be configured so that the pressure is reduced upstream of the sensor for measuring atmospheric pressure dewpoint or moisture concentration (SSTEG), or so that the pressure is reduced downstream of the sensor for disposal after measuring the dewpoint at sample pressure (SSNGH-P).

**FEATURES**

- Incorporates ATEX certified heated pressure regulators
- Inlet pressure up to 210 barg
- Sensor operates at inlet or atmospheric pressure
- Process and auxiliary inlet with manual selector valves
- Sample inlet and outlet pressure indication
- Electrically heated pressure regulators for control of sample

**Recommended Dewpoint Hygrometers**

**DS1200-AMT-Ex**

Model DS1200-AMT-Ex intrinsically safe dewpoint hygrometer can be used with the Model SS-TEG sample systems. This hygrometer incorporates a 4-20mA transmitter with various ranges available between -110°C to +20°C Td. The AMT-Ex has Auto-Calibration as standard.

For more details see Data Sheet DS1200-AMT-Ex.

**DS2000**

Model DS2000 like the AMT-Ex, can be used with the Model SS-TEG dewpoint sample systems. Various ranges are available between -110°C to +20°C Td. This unit is also perfect for continuous on-line dewpoint measurement in clean, dry Natural Gas.

For more details see Data Sheet DS2000-Sensor.

**Model 6020**

Model 6020 Hygrometer is the next level of online dewpoint hygrometers. Based on the well proven, industry leading, ultra-high capacitance aluminium oxide sensor, the Model 6020 is fully loaded with features and functions to make it a most versatile addition to the Alpha Moisture Systems range of trace moisture dewpoint analysers.

For more details see Data Sheet Model 6020.
Specifications

WEATHER PROOFING: IP66 rating
PRESSURE REGULATOR: 210bar (3,045 PSI) Maximum
SENSOR HOLDER: 316 Stainless Steel
PRESSURE GAUGES: Inlet, Sample and Bypass as standard
PIPEWORK: All Stainless Steel
FITTINGS: All Stainless Steel
DIMENSIONS (HxWxD): Approx 1000 x 840 x 300mm
WEIGHT: approx 75kg (165 pounds)

How to Order

Standard or Made to Measure Natural Gas TEG Sample Systems

Please call us to discuss your exact requirements with our experienced Technical Sales Engineers.

Dewpoint measurement requirements within the Natural Gas Sector can be complex and applications differ greatly from site to site. We offer a "Make to Order" service for all our Sample Systems.

Please Call +44 (0)1274 733 100 or Email: info@amsystems.co.uk to discuss your requirements.

Model SS-TEG Drawing Schematic Example

The heated regulators incorporated in the system can be installed for 115VAC or 230VAC operation, as specified on order.

RELATED PRODUCTS

Standard SS-NGH Sample System or Made to Order

The Model SS-NGH Dewpoint Sample System has been designed for sampling Natural Gas where there is no risk of contamination by glycol.

The Model SS-NGH is a standard sampling system but can be modified to suit customer’s requirements and complex applications.

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