

# Water Vapor Content by Measurement of Dew Point Temperature

## test method

Determines the water vapor content of gaseous fuels by measurement of the dew point temperature, followed by calculation of the water content.

## Dew Point Apparatus

- Rugged construction
- Stainless Steel Chamber with incorporated "Target Mirror and Thermometer Guard"

The Dew Point Apparatus consists of a closed stainless steel dew point chamber containing a highly polished stainless steel "target mirror" and sample inlet and outlet control valves. The chamber is chilled by refrigerant following through the outer cooling jacket, preventing any refrigerant contact with the test sample. The thermometer is inserted into the mirror support structure, providing the temperature of the "target mirror." As the sample flows in the chamber and is deflected across the surface of the mirror, the temperature at which condensation collects on the mirror is recorded as the dew point of the sample.

## specifications

Conforms to the Specifications of: ASTM D1142; GPA

**Dimensions** wxdxh,in.(cm)

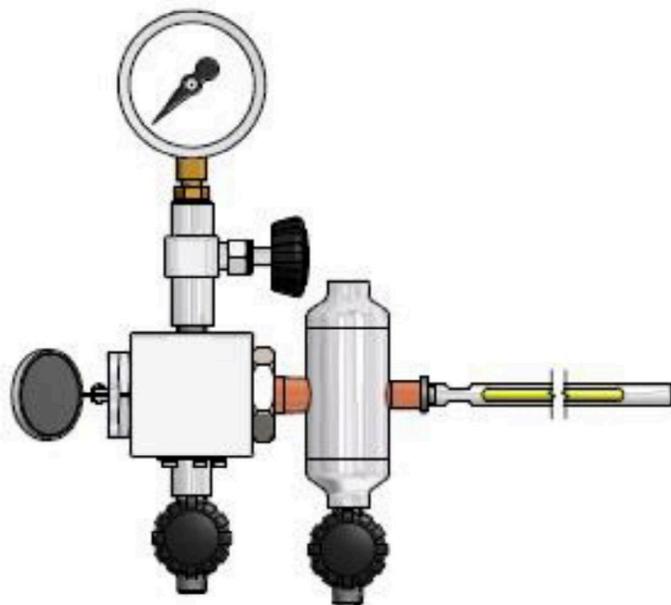
6x3.5x12.75 (15x9x32.5)

Net Weight: 6.5 lb (3 kg)

**Shipping Information**

Shipping Weight: 11 lbs (5 kg)

Dimensions: 2.5 Cu.ft



## ordering information

catalog no.	description
<b>K32240</b>	Dew Point Apparatus
	<b>accessories</b>
<b>K32240-1</b>	S/S Hose and CO2 Tank Adapter Kit Required for connecting apparatus to coolant source
<b>K32240-2</b>	Quick Disconnect Kit Required for use with K32240-1
<b>K32240-3</b>	Bench Top Stand
<b>K32240-20</b>	Pressure Gauge, 0 to 30 psi, Liquid Filled
<b>250-000-33C</b>	ASTM 33C Thermometer
<b>250-000-114C</b>	ASTM 114C Thermometer