

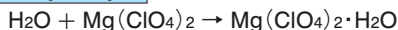
# Water Vapour (Pipeline Dew Point Tube) H<sub>2</sub>O No.6LLP



## Performance

Measuring range	2 to 10 LB/MMCF
Number of pump strokes	2 (200 mL)
Correction factor	1
Sampling time	3 min
Detecting limit :	2 LB/MMCF (2 pump strokes)
Colour change :	Yellow → Green
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used
Relative standard deviation :	10 % (for 2 to 4 LB/MMCF), 5 % (for 4 to 10 LB/MMCF)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Sulphur dioxide	≧ 15 ppm	No	No
Nitrogen dioxide, Hydrogen sulphide	≧ 30 ppm	No	No
Hydrogen cyanide	≧ 40 ppm	No	No
Methyl ethyl ketone	≧ 70 ppm	No	No
Ethyl acetate	≧ 100 ppm	No	No
Acrylonitrile	≧ 40 ppm	No	No
Acetaldehyde	≧ 50 ppm	No	No
Methanol	≧ 50 ppm	+	Green
Triethylene glycol		No	No

## Calibration gas generation

Diffusion tube method