

H₂O (rel. humidity)

Part No. D5086849

Part No. (US): 655863

Performance:

Measurement Range	10 - 100 % R.H.
Number of Strokes	7
Sampling Time	20 - 30 seconds per stroke
Relative Standard Deviation	Up to ±15 %
Colour Change	Yellow → Brown or brown/green

Reaction Principle:



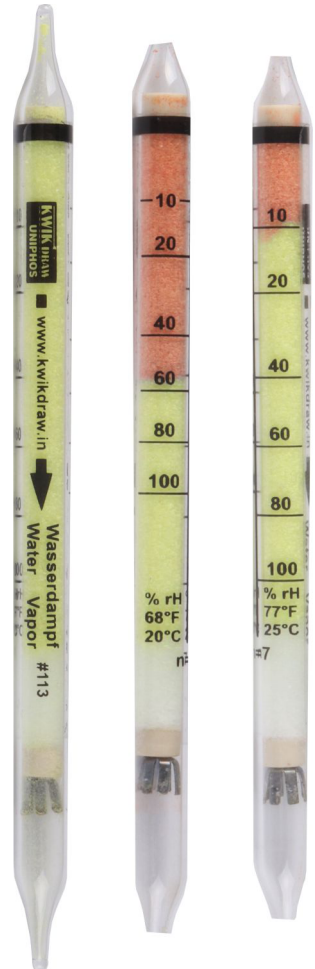
Influence of Temperature :

The calibration scales are valid for temperatures of 20 and 25 °C (68 and 77 °F). For other temperatures (see indicator on box), read at 25°C (77°F) - scale and multiply with the correction factor (C.F.) in table below:

Temp. (°C)	14	16	17	18	19	21	22	23	24	26	27	28	29	30	31
Temp. (°F)	58	60	62	64	66	70	72	74	76	78	80	82	84	86	88
C.F.	2.22	1.84	1.7	1.57	1.45	1.26	1.18	1.11	1.05	0.94	0.89	0.85	0.81	0.77	0.74

Interferences and Cross Sensitivities:

Compound	Interference
Hydrogen, Methane, Ethane, Propane, Carbon monoxide, Carbon dioxide, Mineralic oil (vapour and mist).	No interference



TLV(TWA): N.A.

TLV(STEL): N.A.

Flammable Range: N.A.