

Order No.
81 01601

Halogenated Hydrocarbons 100/a

Standard Measuring Range : 200 to 2,600 ppm
R 113/R114
100 to 1,400 ppm R 11
200 to 2,800 ppm R 22
(on inquiry) 1,000 to 4,000 ppm R 134a
The indication is in mm and
must be compared to the
calibration curves.

Number of Strokes (n) : 3
Time for Measurement : app. 1 min
Standard Deviation : $\pm 30\%$
Colour Change : blue \rightarrow yellow to
grayish green

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 1 to 15 mg H₂O / L

Reaction Principle

For Example:

- a) R113 [Pyrolysis] \rightarrow HCl
b) HCl + pH Indicator \rightarrow yellow reaction product

Cross Sensitivity

Other halogenated hydrocarbons, free halogens and hydrogen halides are indicated.

Perchloroethylene is indicated with the same sensitivity as R113.

Additional Information

The tubes become very warm during the measurement. Therefore, these tubes should not be used in potentially combustible atmospheres. A combustible gas monitor should be used to qualify any questionable area before conducting a measurement with one of these tubes.



ST-199-2001