

ISO 6145-6:2003-05 (E)

Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 6: Critical orifices

Contents		Page
1	Scope	1
2	Normative references	1
3	Principle	1
4	Application to preparation of gas mixtures	2
4.1	Description of the orifice system and the experimental procedure	2
4.2	Area of validity	4
4.3	Operating conditions	4
5	Calculation of operating parameters and results	4
5.1	Selection of suitable orifice systems	4
5.2	Calculation of volume fraction	5
5.3	Sources of uncertainty	5
5.4	Uncertainty of volume fraction	6
Annex A (informative) Premixed gases for preparation of mixtures of high dilution		7
Annex B (informative) Practical hints		9
Bibliography		11