

ISO 21360:2007-06 (E)

Vacuum technology - Standard methods for measuring vacuum-pump performance - General description

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and abbreviated terms	3
5	Test Methods	4
5.1	Volume flow rate (pumping speed) measurement with the throughput method	4
5.2	Volume flow rate (pumping speed) measurement with the orifice method	8
5.3	Volume flow rate (pumping speed) measurement with the pump-down method	13
5.4	Measurement of the base pressure	18
5.5	Measurement of the compression ratio and the critical backing pressure	19
	Annex A (informative) Mean free path of some important gases	23
	Annex B (informative) Measuring uncertainties	24
	Bibliography	27