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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 334-2010

**Integrated circuit (IC) card gas flow-meter
(English Translation)**

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Foreword

This standard is modified using OIML (International organization of legal metrology) R137-1..2006 "gas meter" (English version).

This standard is redrafted according to OIMLR 137-1..2006. This standard is listed in Appendix A with OIMLR 137-1..2006 Structural differences table.

Taking into account China's national conditions, this standard made some changes in the use of OIMLR137-1..2006. These techniques are given in Appendix B.

Technical differences and a list of reasons for reference.

This standard Appendix D and Appendix E normative appendix, Appendix A, Appendix B and Appendix C are informative appendices.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban-township gas standard technical focal

points centralized.

This standard was drafted. Beijing Institute of Public Utilities, Beijing Yanshan Industrial Gas Equipment Co., Ltd., Hangzhou Pioneer Electronics Technology Co., Ltd., Tianxin Instrument Group Co., Ltd., Cangnan Instrument Factory in Zhejiang Province, Dandong Sikai Electronics Development Co., Ltd., Beijing Public Works Design Supervision Company, Zhejiang Weixing Intelligent Instrument Co., Ltd., Shaanxi Aerospace Power Technology Co., Ltd., Beijing Gas Group Co., Ltd., China Institute of Metrology, Beijing Institute of Metrology and Measurement.

1 Scope

This standard specifies the integrated circuit (IC) card gas meter (hereinafter referred to as IC card flow meter) structure, performance requirements, test methods, seized Inspection rules and signs, packaging.

This standard applies to the maximum working pressure does not exceed 0.1MPa, the maximum instantaneous flow does not exceed 5000m³/h (101.325kPa, 293.15K) IC card flow meter.

This standard does not apply to the base table for the gas meter IC card flow meter.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. All dated references, which are subsequently owned Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to reach an agreement based on this standard research Whether you can use the latest versions of these files. For undated references, the latest version applies to this standard.

GB/T 2423.1 Environmental testing for electric and electronic products Part 1. Test methods Test A. Low temperature (GB/T 2423.1-2008, IEC 60068-2-1.:2007, IDT) GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. high temperature (GB/T 2423.2-2008, IEC 60068-2-2.:2007, IDT) GB/T 2423.3 Environmental testing for electric and electronic products Part 3. Test methods Test Cab. constant hot and humid test (GB/T 2423.3-2006, IEC 60068-2-78.:2001, IDT) GB/T 2423.4 Environmental testing for electric and electronic products Part 4. Test methods Test Db. alternating hot and humid (12h 12h cycle Ring) (GB/T 2423.4-2008, IEC 60068-2-30.:2005, IDT) GB/T 2423.7 Environmental testing for electric and electronic products Part 7. Test methods Test Ec. Pouring and tipping (mainly for the whole Machine test) (GB/T 2423.7-1995, idtIEC 60068-2-31. 1982) GB/T 2423.43 Environmental testing for electric and electronic products Part 43. Test methods Vibration, impact and similar kinetic test samples Product Installation (GB/T 2423.43-2008, IEC 60068-2-47.:2005, IDT) GB/T 2423.56 Environmental testing for

electric and electronic products Part 56. Test methods Test Fh. broadband random vibration (digital control) And guidelines (GB/T 2423.56-2006, IEC 60068-2-64.:1993, IDT) GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) GB 3836.1 Explosive atmospheres - General requirements for explosion-proof electrical equipment - Part 1. General requirements (GB 3836.1-2000, eqv IEC 60079-0.:1998) GB/T 4365 Electrotechnical terminology Electromagnetic compatibility GB/T 17214.2-2005 industrial process measurement and control device operating conditions Part 2 Power (IEC 60654-2.

1979, IDT)

GB/T 17611 closed duct fluid flow measurement terms and symbols GB/T 17626.1 electromagnetic compatibility test and measurement techniques Immunity Test Summary (GB/T 17626.1-2006, IEC 61000-4-1.:2000, IDT) GB/T 17626.2 Electromagnetic compatibility test and measurement techniques Electrostatic discharge immunity test (GB/T 17626.2-2006, IEC 61000-4-2.:2001, IDT) GB/T 17626.3 Electromagnetic compatibility test and measurement techniques RF electromagnetic radiation immunity test (GB/T 17626.3-2006, IEC 61000-4-3.:2002, IDT)