

1151 Boston-Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781 762 9375 www.fmglobal.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

***S.Sonic-1, SPU-1; Q.Sonic-3, SPU-3; Q.Sonic-5, SPU-5; S.Sonic-2, SPU-2; Q.Sonic-2, SPU-2; Quantum-3, SPU-3; Quantum-5, SPU-5; FlareSonic, SPU-1; CheckSonic, SPU-1. Ultrasonic Gas Flowmeter System.***

XP / I / 1 / BCD / T5 Ta=60°C; AIS / I / 1 / CD - 01.40.11B.05/2

***F, Fg, G, Gg, K, L, M, N, O, P, R, T, Z. Ultrasonic Transducer.***

IS / I / 1 / CD / T6 Ta=60°C; T5 Ta=80°C - 01.40.11B.05/2

***A, B, C, D, E, P, H. GasSonic Transducer.***

IS / I / 1 / CD / T6 Ta=60°C - 01.40.11B

### Equipment Ratings:

Ultrasonic Gas Flowmeter Systems are Explosionproof for use in Class I, Division 1, Groups B, C and D; Associated Intrinsically Safe Apparatus for Connection to Class I, Division 1, Groups C and D; Ultrasonic Transducers are Intrinsically Safe for use in Class I, Division 1, Groups C and D Indoor Hazardous (Classified) Locations.

### Approved for:

Instromet Ultrasonics B.V.  
Pieter Zeemanweg 61, P.O. Box 8090  
3301 CB Dordrecht  
The Netherlands

This certifies that the equipment described has been found to comply with the following Factory Mutual Research Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3615	1989
Class 3810	1989

Original Approval Job Identification: 3005852      Approval Granted: October 10, 2001

Subsequent Revision Reports / Date Approval Amended

Factory Mutual Research Corporation



---

Paris Stavrianidis  
Assistant Vice President  
Approvals Division

*October 12, 2001*

Date