

Nederlands Meetinstituut

Certificate

Applicant : Instromet B.V.
Munstermanstraat 6
7064 KA Silvolde

Certificatenummer : G1/S/1848
Projectnummer : 312465
Page : 1 of 2

Meter under test : Type of meter : Turbine gas meter
Manufacturer : INSTROMET B.V.
Type : SM-RI-X-K
Serial number : 10400826


Test Method : The actual flow rate of the gas meter is established with the aid of standard gas meters pressure- and temperature transmitters.
In the determination of this flow rate the pressure measurement point noted with P, is normatively established.

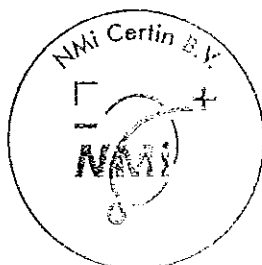
Test date : See page 2 of 2

Results : The measurement results are stated on page 2 of 2. The total measurement inaccuracy is based upon 2x the standard deviation (2s).

Traceability : The measurements have been executed using standards for which the traceability to primary, and/or (inter)national standards has been demonstrated.

Silvolde, August 17, 2004
NMI Certin B.V.


W. Dikshoorn
Verification Department



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Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI B.V. (see "Regulation objection and appeal against decisions of NMI B.V.")

NMI B.V., chamber of comm. no. 27.228.701
NMI Certin B.V., chamber o.c. nr. 27.233.418

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Certificatenumber : G1/S/1848
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Meter kind : Turbine gas meter
Manufacturer : INSTROMET B.V.
Number/year : 10400826/2004
G-size/type/diam. : G10000/SM-RI-X-K/500 mm
 Q_{max}/Q_{min} : 16000/800 m³/h
 P_{max} : 18,8 bar
Density : *** kg/m³
Seals : EC04
Final index reading : 00000069 m³

Gear wheel meterside : 50
Gear wheel indexside : 57
Pulses per m³ :
LF Index head : 1
HF Index head :
HF Turbine wheel :
HF Serrated disk :

Flow m ³ /h	Error [%]
16000	-0,5
11200	-0,1
6400	0,1
4000	0,1
1600	-0,2
800	-0,6

Comment Error
1. Silvolde, 040622, Air atm.
20 °C

$$Error = \frac{V_{indicated} - V_{real}}{V_{real}} \times 100 \%$$

The measurement inaccuracy equals to 0,25% .

