KATRONIC

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Supplied to

Sechang Instruments Co. Ltd.
1303 Ace High-End Tower
235-2 Guro3 Dong, GuroGu
Seoul, 152-740
South Korea

Calibration Certificate

Device under test (DUT)

Our contract no.	08/S25/012
Model	ADM6725
Serial number	02503782
Transducer type	CDM1NZ710442

Measurement parameters

Inside pipe diameter: 69.30 mm	Temperature: 20.0 °C	Pipe material: Carbon Steel
Medium: Water	Number of sonic paths: 4	
Measuring range: 50.00 m^3/h	Specified uncertainty: 2.0 % of measured value	
	Zero error: ± 1.0 cm/s	

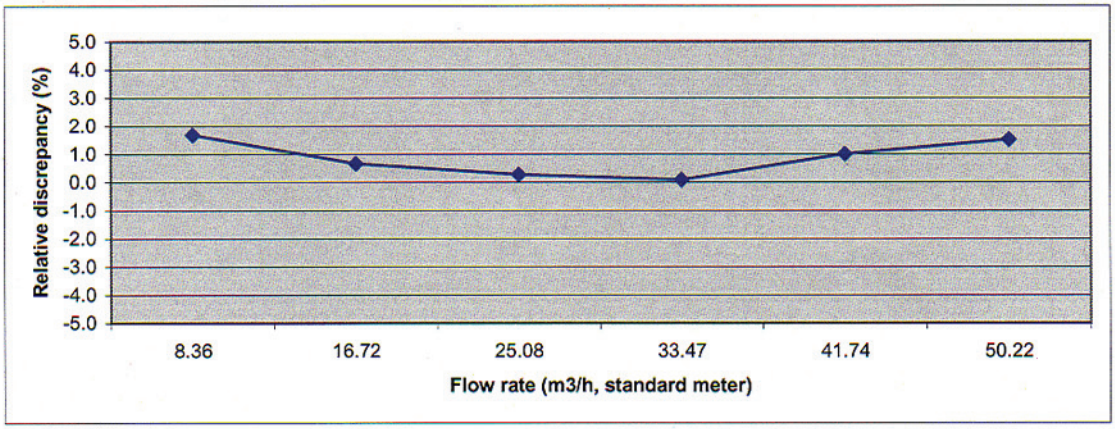
Details of standard used

Krohne AF/IFC110F	Certificate number: A00 49198	Calibration due: 30/03/2010

The calibration procedure of the above-indicated instrument has been performed using a magnetic flow meter as a proving device. The proving meter has an uncertainty that can be traced against national standards

Test results

Measuring Point	Measuring Time in s	**Standard Qs** Flow Rate in m^3/h	**DUT Qd** Flow Rate in m^3/h	Relative Error (Qd-Qs)/Qs in %	Pass/Fail
1	30	.00	.01	Absolute->.14 m^3/h	P
2	30	8.36	8.50	1.675	P
3	30	16.72	16.83	0.658	P
4	30	25.08	25.15	0.279	P
5	30	33.47	33.50	0.090	P
6	30	41.74	42.16	1.006	P
7	30	50.22	50.98	1.513	P



Date of calibration	Managing Director	Signature
29 April 2008	K. Frahn	Carsten Frahn

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