

Accreditation Number : 2605  
 Laboratory Head : SU, David

Flow

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KH1001 Sonic nozzle	Rotary gas meter/Itron DELTA S1_FLOW-G25 Rotary gas meter/Itron DELTA S3_FLOW-G400	In-house method: Gas sonic nozzle calibration SOP (Document No.: LAB-C105)	4	m <sup>3</sup> /h	512	m <sup>3</sup> /h	Vacuum Mode	0.71	%
Approval Signatory: HSU, Yao-Chia; HUANG, Chia-Hung; LAI, Yu-Hsuan; SU, David									
KH1001 Thermal mass Flow Meter Vortex Flow meter Precession Vortex Flow Meter Metal Tube Rotameter Rotameter Turbine gas flow meter Rotary gas meter Ultrasonic gas flow meter (Low Pressure Type)	Standard sonic nozzle bank/ SN-01: d=30.378 mm SN-02: d=30.378 mm SN-03: d=21.492 mm SN-04: d=15.221 mm SN-05: d=10.757 mm SN-11: d=7.610 mm SN-12: d=5.384 mm SN-13: d=3.813 mm SN-14: d=2.680 mm	In-house method: Gas flow meter calibration SOP (Document No.: LAB-C104)	4	m <sup>3</sup> /h	1200	m <sup>3</sup> /h	Vacuum Mode	0.98	%
Approval Signatory: HSU, Yao-Chia; HUANG, Chia Hung; LAI, Yu-Hsuan; SU, David									

