Chinook Engineering innovative measurements

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Features	 Simultaneous NIST-traceable measurements of flow rate, temperature and pressure with a continuous display of values. User-selectable units of flow rate, temperature and pressure. Interchangeability—CUs, MUs and RT Probes can be freely exchanged between kits while maintaining calibrations and NIST traceability. 	
	User-selectable option to use the RT Probe measurement in the calculation of flow rates can extend the	
	equipment Operating Range and decrease the time spent taking each measurement.	
	MU and RT Probe calibration data is automatically uploaded to the CU and is displayable and recordable for	
	Quality Assurance tracking.	
	• Internal logging of up to 45 data sets.	
	Battery powered or optional AC adapter use. Size	
	-	sampler tubes or use the optional Universal Flow Adapter.
Model	Flow Range	Nominal Pressure Drop at Orifice
Model LX	0.5 – 7 Liters / Minute	1" w.c. @ 1.7 lpm; 17" w.c. @ 7.0 lpm, 22°C, 1 atmosphere
Model M	0.9 – 19 Liters / Minute	30" w.c. @ 16.7 lpm, 22°C, 1 atmosphere
Model S	2 – 20 Liters / Minute	16" w.c. @ 16.7 lpm, 22°C, 1 atmosphere
Model SX	2 – 25 Liters / Minute	16" w.c. @ 16.7 lpm, 22°C, 1 atmosphere
Model H	4.5 – 55 Liters / Minute	3" w.c. @ 16.7 lpm, 22°C, 1 atmosphere
Model HL	3 – 25 Liters / Minute	6" w.c. @ 16.7 lpm, 11" w.c. @22 lpm, 22°C, 1 atmosphere
Custom-Built Models	Other flow ranges are available for unique applications	
Operating Range		
Temperature	-30 °C to +55 °C; it can be extended with the USE_RT feature available in firmware v 3.xx.	
Pressure		
Flow Measurement Uncertainty		
At Room Temp. (22 °C)	±0.6 % Full Scale	
Over Operating Range	±1.2 % Full Scale	
Temp. Meas. Uncert.	±0.2 % Full Scale	
Press. Meas. Uncert.	±0.4 % Full Scale	
Components	Control Unit (CU)	
	 Measurement Unit (MU) MU-CU Communication Cable Remote Temperature Probe (RT Probe) Solar Radiation Shield 	
	Padded Carrying Case	
	• Batteries (2 – AA 1.5V)	
	Certificate of Calibration	
	Operation Manual	
Optional	Universal Flow Adapter w/ UniClamp and tubing	
Components	LogComm™ Software w/ CU-PC Communication Cable	
Components	• 90 - 246 VAC Input - 5VDC Output Power Adapter	
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For additional Information, contact Chinook Engineering. Email Chinook@imlinc.com or telephone (307) 674-7506

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