



In 1985, HKA Technologies became the first and only Canadian manufacturer of certified high quality leak test instruments when it introduced the CT-1000 model.

Today, HKA is a market leader in product leak test solutions and is still the only Canadian manufacturer of certified leak test instruments. HKA provides excellent pre-sales and engineering assistance to help clients select the correct leak test solution and then delivers exceptional service and support from its Burlington, Ontario location. HKA can provide turnkey manual or automated leak test fixtures.

The quality and reliability of HKA’s leak testing solutions has been proven after millions of test cycles in a variety of applications in North America such as:

- Industrial (valves, pressure regulators, tanks, heat exchangers, oil coolers, pumps and more)
- Automotive (Tier one and Tier Two components for cooling, fuel, brake, steering, muffler and exhaust systems)
- Consumer (faucets, washing machine components, air conditioning parts, coffer makers and lawn sprinklers)

To complement the CT-1000, HKA is now introducing the CT-2500 which has enhanced features that match the leak test features of any of the competing brands of leak test instruments.

CT-2500



Instrument Specifications

- Flow Repeatability:** ± 0.65% Reading
- Pressure Repeatability:** ± 0.2% Full Scale
- Analog Converter:** 16-bit, up to 500 samples per second
- Analog Output:** Two 12-bit channels

Measurement Type Models

- PD - Pressure decay
- MF - Direct mass flow
- DF - Differential mass flow
- VF - Vacuum mass flow
- BL - Bell jar
- SC - Sealed container

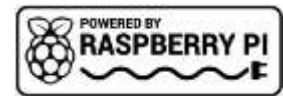


Flow Transducer (yyy)

	DF or VF Series			MF Series						
	050	400	1000	001	005	020	100	01/005	05/025	20/100
Operating Flow Range	50 sccm	400 sccm	1 slpm	1 slpm	5 slpm	20 slpm	100 slpm	1 slpm	5 slpm	20 slpm
Dual Flow Range	N/A			N/A				5 slpm	25 slpm	100 slpm
Repeatability	± 0.35% Reading			± 0.5% Reading						
Pressure Max	250psig			50psig						

Pressure Transducer (xxx)

	030	125	200	300
Rated Pressure	30 psig	200 psig		300 psig
Over Pressure	60 psig	600 psig		1500 psig
Repeatability	± 0.2% FS			
Accuracy	± 0.2% FS	± 0.5% FS		
Temperature Range	-20°C to 85°C	-40° to 105°C		



Front Connections:

1 x USB 2.0 port	1 x Power Switch	1 x 7" Multi-point Touch screen
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Rear Connections:

Electrical:

- 2 x USB 2.0 ports
- 1 x RJ45 port
- 1 x 25-pin male D-Sub user IO port
- Relay Outputs, Optically Isolated Inputs
- 1 x 2.5mm power jack for 24VDC adapter

Pneumatic:

- 2 x Male 1/4" Swagelok ports for 'Test' and 'Reference' parts
- 1 x Female 1/4" Push-to-connect tube fitting for air supply
- or 1 x Male 1/4" Swagelok port for high pressure air supply
- 1 x Female 1/8" NPT port for calibrated orifice
- 1 x Female 5/32" Push-to-connect port for external drain valve piloting
- 1 x Manual knob for test pressure regulation

** Standard connections are made via 1/8" NPT manifold ports

Additional Tests and Features:

- Blockage Test
- Cross Cooler Test
- Pressure Decay
- Temperature Compensation
- Test characteristics verifications
- One-touch Calibration



Data Features:

- Serialized data stores leak test result with time and date stamp, pass/fail result, additional fault data, part name, and operator ID (if used)
- Parts and data share memory and can be expanded. With standard memory over 1000 parts and 1 million results can be stored. Two resettable counters are provided for counting passed and failed tests.

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