HKA Technologies Inc.

Manufacturers of leak test instruments

Leak testing ...as easy as 1 2 3

HKA Technologies, established in 1985, has been providing leak test units to a wide client base in North America. We often work closely with the clients' automation integrator of choice to achieve fully automated assembly and test cells.

HKA is located in Burlington, Ontario where it can provide fast service & support to all of the Tier One & Tier Two automotive leak testing clients who have made the CT-1000 their leak tester of choice.

HKA Technologies has developed the CT-1000 series of leak test units which are not only accurate and reliable but are the easiest to setup, calibrate, and test ..... as easy as 1,2,3!

HKA's exceptional growth is due directly to repeat business from many satisfied clients.

Our products and service are second to none.

HKA can provide immediate delivery from stock for most popular models of the CT-1000 leak test unit.

We offer 48 hour turn around for re-certification of calibrated leak orifices.

Our technical staff is ready to respond quickly to requests for application information and any service issues which may arise.

HKA is continually working on new product developments to provide clients with custom solutions to meet leak test challenges where the standard product line does not meet all of their requirements.

Industrial

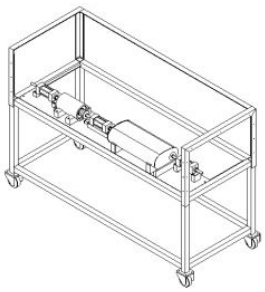
- Valves (liquid, gas)
- Pressure regulators
- Pressure tanks
- Heat exchangers
- Oil coolers, radiators
- Hose & tube assemblies
- Pumps & cylinders

Automotive

- Cooling system components
- Fuel system components
- Steering system components
- Brake system components
- Air intake components
- Exhaust system components
- Various castings (porosity)

Consumer

- Faucets & taps
- Washing machine parts
- Dishwasher parts
- Air conditioning parts
- Coffee makers



HKA Technologies systems are based on the latest state of the art mass flow transducers providing fast, accurate and highly repeatable measurement of leak rates

The CT-1000 leak test system is not only accurate and reliable, but is the easiest to program, calibrate, and operate. For many applications test systems can be installed, calibrated, and be operational in only a few minutes. The calibration process is totally automatic, requiring only to be initiated by the operator.

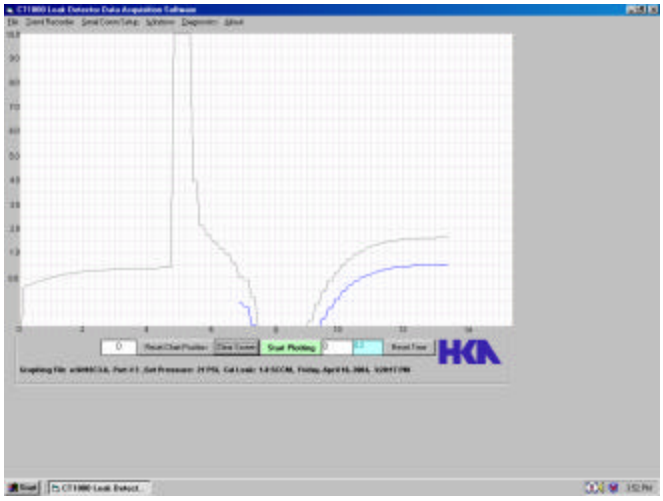
The integral calibrated leak provided with all units not only allows the simple calibration process but also provides a foolproof method to verify system performance.

A simplified, four button, touch keypad allows all required test parameters to be entered as prompted by the two line, high contrast, backlit LCD display. The unit has capability for ten independent test programs where different parts may be tested with one system.

All HKA leak test units have an RS232 port which allows for data collection, and real time monitoring of the leak test process.

The CT-1000 manual interface connects to the CT-1000 allowing the operator to initiate the test cycle, abort the test, and enable the calibrated leak for system verification.

HKA offers two Windows based programs which utilize the data from this serial port.



Windows Graphing Software:

This software allows for real time graphing of leak flow. It is an invaluable tool for test optimization.

The program has the capability to store and display not only the flow curves for test cycles, but also all associated setup parameters.

This provides useful diagnostics to enable comparison of current test conditions and initial test conditions for troubleshooting.

Fast Fill Option: Available on MF (direct mass flow units only). This important option allows for shorter test cycle times as the test part is filled at a higher fill pressure relative to the programmed test pressure.

Temperature Compensation Option: Available on DMF (differential mass flow units only). This unique option provides true temperature compensation for parts which may be changing temperature during testing thus affecting leak test results. HKA temperature compensation provides an accurate measurement of true leak rate of the part.

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For most applications, mass flow technology provides the fastest & therefore the shortest cycle times compared to all other methods of air leak testing