

# LeakMaster

ULTRAFLOW V3

CUTTING EDGE IN LEAK TESTING TECHNOLOGY



POWER. PERFORMANCE. **SPEED.**

## OUR STORY

The best businesses are formed when people provide a creative solution to an existing problem. In 2005, Barry Money and Greg Rider realized that the manufacturing industry was in need of an extremely fast and repeatable air leak testing system. LeakMaster was formed to provide a solution to that need. In 2006, they began developing and refining the first generation of LeakMaster air leak testing instruments and, over the past decade, have continued to refine their instruments by incorporating the latest technological advances and digital innovations. Today, LeakMaster is considered an industry leader in providing non-destructive leak testing equipment to the global marketplace. LeakMaster air leak testers and automated leak testing systems have become invaluable to those in the Automotive and Heavy Equipment industries as well as in the testing of Engines, Drive Trains, Off road and ATV components, Consumer Products and Medical Devices.



**LeakMaster**  
**ULTRAFLOW V3**  
**POWER. PERFORMANCE. SPEED.**

**MODERN CONNECTIVITY**  
**PROVEN SOLUTIONS**  
**TOTAL CONTROL**

**EtherNet/IP™ RS-232**

You just can't test slow, with UltraFlow. The UltraFlow is LeakMaster's latest mass flow leak testing innovation specifically designed to reduce cycle time and improve repeatability. When your application requires extremely fast cycle times, we're confident in saying UltraFlow is the fastest, most repeatable way to leak test...period! **The UltraFlow is ideal for quickly testing large parts yet versatile enough to test small parts.** Optional Ethernet/IP module for seamless integration with Allen Bradley EtherNet/IP or other compatible devices, eliminates I/O wiring, reduces start-up time and hardware cost. Provides ultimate control and the ability to capture valuable leak rate data for data collection systems, critical for today's production environment.



STILL THE **FASTEST** & PACKED WITH **NEW CAPABILITIES!**



PROGRAMMABLE ELECTRONIC PRESSURE REGULATOR  
 NEW AND IMPROVED **EtherNet/IP™** FEATURING “SLAVE MODE”  
 DIGITAL MASS FLOW SENSOR WITH BROAD TESTING RANGE  
 NEW PRESSURE DECAY MODE FOR MICRO LEAK DETECTION  
 LED STATUS INDICATOR  
 DUAL ACCESS DOORS FOR FLEXIBLE MOUNTING  
**CAPABLE OF TESTING LEAKS FROM 1 SCCM TO 300 SLPM**  
**MAKING IT VERSATILE FOR A VARIETY OF APPLICATIONS**



### RUN SCREEN

- The large, touchscreen display makes leak testing effortless.
- All pass/fail and in-process information are clearly displayed for easy viewing.



### SET UP SCREEN

- The easy to understand layout reduces set-up time, builds confidence, and eliminates confusion.
- The intuitive design gives unparalleled control, without multiple set-up screens.
- All leak timers and limits are clearly presented in their proper order.

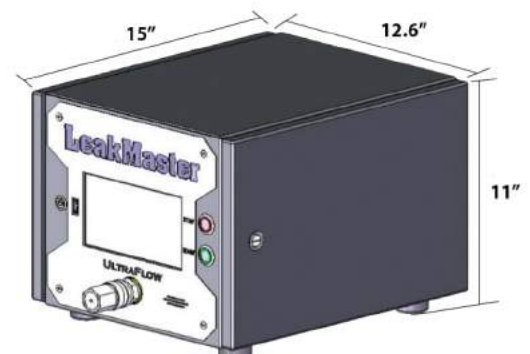


### RESULTS SCREEN

- Built-in data collection with auto save for proven, effective data collection; without hassle.
- The information is saved as a CSV file for viewing in Microsoft Excel or other text viewers.

## TECHNICAL SPECIFICATIONS

FEATURE	STANDARD	OPTIONAL
PROGRAMS PER CHANNEL	999	
# OF CHANNELS	1	
MASS FLOW SENSOR	0-200 SLPM	0-250 sccm, 0-750 sccm, 0-10 SLPM, 0-50 SLPM, 0-100 SLPM, 0-200 SLPM, 0-300 SLPM
INPUTS	(16) 24VDC PNP	
OUTPUTS	(16) 24VDC PNP	
COMMUNICATIONS	DIGITAL IO	ETHERNET IP®, PROFINET®, RS-232
DATA COLLECTION	USB FLASH, FTP	MasterCloud™
PRESSURE RANGE	0-15 PSIG	





Finally, a mass flow tester, with the power and versatility to test a huge variety of components such as:

**EXHAUST COMPONENTS  
INTAKE MANIFOLDS  
OIL PANS  
AUTOMOTIVE LIGHTING ASSEMBLIES, & MORE**

The programmable electronic pressure regulator allows the user to have multiple pressure set points for each independent program, which enables the UltraFlow to be used for multiple applications without operator intervention.

Remote network connectivity allows LeakMaster to quickly support any tester in the field, and the new optional WIFI module makes network connectivity even easier.

Subscribe to **MasterCloud™**, an exclusive LeakMaster cloud based data storage, that provides easy access to previous result information at any time.

LEARN MORE AT: [LEAKMASTERUSA.COM](http://LEAKMASTERUSA.COM)

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