

LeakMaster

700 SERIES

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 700 SERIES POWER. PERFORMANCE. SPEED.

MODERN CONNECTIVITY
PROVEN SOLUTIONS
TOTAL CONTROL

You just can't test slow with the 700 Series, LeakMaster's multi-functional innovation in digital leak testing. The 700 Series is capable of being configured for pressure decay, differential pressure decay or mass flow leak testing and is available in either a Machine Mount or Benchtop enclosure. The optional Ethernet/IP module provides seamless integration with Allen Bradley EtherNet/IP or other compatible devices, eliminates I/O wiring, reducing start-up time and hardware cost. The 700 series instrument provides ultimate control and the ability to capture valuable leak rate data for data collection systems critical for today's production environment.



Modbus EtherNet/IP™



700 SERIES SUPERIOR PERFORMANCE & FEATURES



AVAILABLE IN
PRESSURE/VACUUM DECAY - DIFFERENTIAL PRESSURE - MASS FLOW
DIGITAL TECHNOLOGY PROVIDES OUTSTANDING PERFORMANCE
HIGH FLOW VALVES REDUCE CYCLE TIMES
BUILT-IN DATA COLLECTION WITH AUTO SAVE FEATURE
EASY TO SETUP - INTUITIVE DESIGN
VERSATILE FOR A VARIETY OF APPLICATIONS



RUN SCREEN

- The large, bilingual, multi-channel 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	APPLICABLE TESTER
PROGRAMS PER CHANNEL	60 on Channel 1	15 on Channel 2	All 700 Series Testers
# OF CHANNELS	1	2	700PD
Dual Pressure/Fast Fill	NO	YES	All 700 Series Testers
Calibrated Leak Orifice	1 NIST Leak Per Channel		700PD, 700DP
Pressure Transducer/Resolution	0-150 PSIA / .00001 PSI	(0-15 PSIA / .000002 PSI) (0-45 PSIA / .00003 PSI)	700PD
DP Transducer/Resolution	0-1.45 PSI / .000001 PSI		700DP
Mass Flow Sensor/Resolution	0-1000 SCCM / .01 SCCM	0-6 LPM / .01 LPM	700MF
Operation Modes	Pressure/Vacuum Decay	Metered Volume	700PD, 700DP
Inputs	(8) 24 VDC PNP/NPN		All 700 Series Testers
Outputs	(8) 24 VDC PNP/5 Programmable		All 700 Series Testers
Communications	Modbus RS485	Ethernet IP®, Profinet®	All 700 Series Testers
Data Collection	USB Flash, FTP		All 700 Series Testers

700PD= Pressure Decay
Single Channel or Optional Dual Channel Testing

700DP= Differential Pressure Decay
Single Channel Testing ONLY

700MF= Mass Flow
Single Channel Testing ONLY



Finally, a versatile leak testing instrument, with the speed and integration features needed to test a huge variety of components such as:

ENGINES
DRIVE TRAINS
OFF ROAD & ATV COMPONENTS
CONSUMER PRODUCTS & MEDICAL DEVICES

Optional **EtherNet/IP™** for simple integration and reduced startup cost.

Advanced Diagnostic tools such as **Real-Time Screen Capture** enable easy diagnostic assistance anywhere in the world.

LEARN MORE AT: LEAKMASTERUSA.COM

LeakMaster

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