

CUTTING EDGE IN LEAK TESTING TECHNOLOGY

CL	6 3	kMa LeakMaster		3
	Part Number FILL TEST PRESSURE PRESSURE LOSS LEAK RATE		PROGRAM 4 BIG BLUE LEAK CALIBRATE	
	DI	EFEND	ER	0

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 Defender Power. Performance. *Speed*.

MODERN CONNECTIVITY PROVEN SOLUTIONS TOTAL CONTROL

You just can't test slow, with The Defender. The Defender is LeakMaster's latest Pressure Decay leak testing innovation specifically designed to reduce integration costs and improve repeatability. **The Defender is ideal for a variety of pressure/vacuum decay leaktesting applications**. It's compact design makes it ideal for applications with limited space. Standard Ethernet/IP module for seamless integration with Allen Bradley EtherNet/IP or other compatible devices, eliminates I/O wiring and reduces start-up time and hardware cost. This instrument provides ultimate control and the ability to capture valuable leak rate data for data collection systems critical for today's production environment.

EtherNet/IP[®]

SUPERIOR PERFORMACE & FEATURES ECONOMICAL SIZE & PRICE!



NEW AND IMPROVED **EtherNet/IP** FEATURING "SLAVE MODE" 64 BIT PROCESSOR FOR SPEED & REPEATABILITY 24 BIT DIGITAL PRESSURE TRANSDUCER FOR EXTREME RESOLUTION PRESSURE DECAY OR VACUUM DECAY MODE EXTREMELY COMPACT DESIGN

VERSATILE FOR A VARIETY OF APPLICATIONS



RUN SCREEN

- The 5" touchscreen display makes leak testing effortless.
- All pass/fail and in-process information are clearly displayed for easy viewing.

PROGRAM TIM	ERS/S	EC	TEST	LIMITS	TEST TYP	6
PRETEST DELAY	0	SEC	MIN. PRESS	25.000 MPA	Mass Flow	
FILL TIME	4	SEC	MAX. PRESS	32.000 KPs.		RAM NAME
STAB TIME		1	MIN. LEAK	-2 SIPN		MUFFLER
	4	SEC	MAX. LEAK	140 SJPM	UNIT SELE	CT
TEST TIME	1	\$80	CAL COMP: 0.05	DATA	SELECT OUTF	uns
VENT TIME	3	SEC	CAL STATUS:		JUMP SETTI	
			LEAK ORIFICE	: 172 s.m	PRESSURE SETPOINT:29	9995 101

SET UP SCREEN

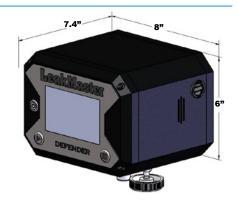
- The easy to understand layout reduces set -up time, builds confidence, and eliminates confusion.
- The intuitive design gives unparalleled control, without multiple set-up screens.
- All leak timers and limits are clearly presented in their proper order.

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2008-01-03 08:54.97	6.563 SCCM	3.922 PSIG	CALIBRATION	-00.000 SCCM	500.000 SOCM	0.05475	3	Decay	T.	۳
2008-01-03 08:25:35	411.679 SCCM	3.605 151G	CALIBRATION	-30.000 SCCM	500.000 SOCM	0.054420	3	Decay Tabe	16	1
2008-01-03 08-25-18	6.800 SCICM	6.000 P58G	TEST STORING	-00.000 SCCM	500.000 NOCM	0.054420	3	Decay Tabe	π.	1
2008-01-02 14:22:07	425346 SCCM	3.585 PERG	PA55	-\$0.000 SCCM	500.000 SCCM	0.054420	з	Decay Tube	15	1
2008-01-02 14/22/39	6.144 SCCM	3.858 PSIG	PM55	-00.000 SCCM	500.000 SOCM	0.054420	3	Docay Tabe	15	1
2008-01-02 14:22:06	0.425 SLPM	24.393 KPA	Riss	-0.000 SLPM	0.500	0.37521269117760003	3	Decay Tabe	15	1
2008-01-02	-6.001 SLPM	26.870 KPA	PASS	-0.000 SLPM	0.500 SLFM	0.37521269117760003	з	Decay Tube	15	1
2008-01-02 14:21:08	0.426 SUPM	3.490 PSIG	PASS	-0.000 SLPM	0.500 SLPM	0.054429	3	Decay Tabe	15	1
2000-01-02 14:30:07	430.405 SCICM	3.501 PSIG	8/55	-00.000 SCCM	500.000 SOCM	0.054420	з	Decay Tube	15	1
2008-01-02 14:22:31	-5.84 500M	3.950 P51G	PUSS	-80.000 SCCM	500.000 SOCM	0.054420	3	Decay Tals	16	1
2016-01-02	41.000	1 1.061		-0110	0.500			DWW	-	18

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.

FEATURE	STANDARD	OPTIONAL
PROGRAMS PER CHANNEL	10	
# OF CHANNELS	1	
TEST TYPE	PRESSURE DECAY	VACUUM DECAY
INPUTS	(16) 24VDC PNP	
OUTPUTS	(16) 24VDC PNP	
COMMUNICATIONS	DIGITAL IO, ETHERNET IP®	
DATA COLLECTION	USB FLASH, FTP	MasterCloud™
PRESSURE REGULATOR	2-100 PSIG	0-2, .5-30, 1-60 PSI



TECHNICAL SPECIFICATIONS



Finally, a compact pressure decay leaktester, with all of the integration features expected to test a huge variety of components such as;

CASTINGS PLASTIC MOLDED COMPONENTS FUEL DELIVERY SYSTEMS AUTOMOTIVE SUB ASSEMBLIES, & MORE

Standard **EtherNet/IP**^{*} for simple integration and reduced startup cost.

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



Evansville, IN • 812-437-TEST