CUTTING EDGE IN LEAK TESTING TECHNOLOGY

LeakMaster DEFENDER

POWER. PERFORMANCE. SPEED.
YOU 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 leak testing 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.
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

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>STANDARD</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAMS PER CHANNEL</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td># OF CHANNELS</td>
<td></td>
<td></td>
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<tr>
<td>TEST TYPE</td>
<td>PRESSURE DECAY</td>
<td>VACUUM DECAY</td>
</tr>
<tr>
<td>INPUTS</td>
<td>(16) 24VDC PNP</td>
<td>(16) 24VDC PNP</td>
</tr>
<tr>
<td>OUTPUTS</td>
<td></td>
<td></td>
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<tr>
<td>COMMUNICATIONS</td>
<td>DIGITAL IO, ETHERNET IP©</td>
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<td>DATA COLLECTION</td>
<td>USB FLASH, FTP</td>
<td>MasterCloud™</td>
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<td>PRESSURE REGULATOR</td>
<td>2-100 PSIG</td>
<td>0-2, .5-30, 1-60 PSI</td>
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**RUN SCREEN**
- The 5” 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.
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

LeakMaster
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