COMPACT AIR LEAK TESTER

Compact body, Collected Substantial Functions, High Durability and Easy Operation!

FL-273 SERIES FL-283, 284 SERIES FL-293, 294 SERIES

株式会社フクダ コンパクトエアリークテスター
COMPACT AIR LEAK TESTER

手間もコストも手軽くセーブ！
十分な機能を凝縮したコンパクトボディに
使い易さと耐久性をプラス

FUKUDA CO., LTD. Head Office: 5-5-1-30, Naka-naka-machi, Tokyo, 176-0017, Japan
http://www.fukuda.jp.com

Compact Air Leak Tester

本社・工場 T176-0017 東京都港区西麻布3-16-5
TEL:03-3577-1911 FAX:03-3577-1902

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INCREASED RELIABILITY

- The sensor performs leak detection more reliably and accurately, reducing false alarm rates.
- The device is equipped with an automatic shut-off feature to prevent overheating.
- The battery life has been significantly extended, ensuring longer operation intervals between charges.

EASY OPERATION

- The control panel is intuitive and user-friendly, allowing operators to set up and run tests with minimal training.
- The device is lightweight and portable, making it easy to transport and use in various locations.

COMPACT AND LIGHTWEIGHT

- The device measures 175 x 350 x 150 mm and weighs only 15 kg, making it suitable for use in tight spaces.
- The compact design facilitates easy transportation and storage.

VERSATILE PRODUCT LINEUP TO SUPPORT YOUR TESTING NEEDS

- The product lineup includes a variety of leak testers suitable for different applications:
  - For large leak measurement
  - For medium leak measurement
  - For minute leak measurement

- The following ranges are available:
  - For large leak measurement: 0.01 – 100 kPa
  - For medium leak measurement: 0.001 – 10 kPa
  - For minute leak measurement: 0.0001 – 1 kPa
## Compact Air Leak Tester

**CRAMP CYLINDER CONTROL CAPABILITY ENABLES COMPLETION OF ALL TESTING PROCEDURES WITHOUT ANY ADDITIONAL PLC SYSTEM**

### Operation via External Control Switch

- **Operation via External Control Switch**

  To be operated by external switches in addition to the switch in the front body. Both the switch and the control switch are included in the switch box.

  Also, the tester can be controlled remotely via a hand controller to ensure the safety of the operator.

### Cramp Cylinder Control by Signal Output

- **Crank Cylinder Control by Signal Output**

  In order to start a signal, a signal is sent out to control the cramp cylinders. This AC 100V signal enables the automatic actuation of the solenoid valve. The signal is transmitted via the air exhaust process.

- **Crank Collision Signal to Initialize the Pressure Changing**

  Using the limit switch, the tester verifies the completion of the cramp process and automatically begins the pressure changing process.

### Assorted Options

- **ASSORTED OPTIONS**

  A wide variety of options are available for various applications.

### Internal Options

- **INTERNAL OPTIONS**

  - **Regulator**
  - **Remote Operation Box**
  - **Printer Unit**
  - **External Exhaust Unit**
  - **Pressure Switch**

### External Options

- **EXTERNAL OPTIONS:**

  - **Calibrator**
  - **Printer Unit**
  - **External Exhaust Unit**

### Built-in Options

- **BUILT-IN OPTIONS:**

  - **Pressure Verification Switch**

### Table: FL-2

<table>
<thead>
<tr>
<th>Model</th>
<th>Number</th>
<th>Power Source</th>
<th>Built-in Options</th>
<th>External Options</th>
<th>Calibrator</th>
<th>Pressure Range</th>
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</thead>
<tbody>
<tr>
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<td>AC 100V 50Hz</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>0-100 kPa</td>
</tr>
</tbody>
</table>

### Table: FL-2 (Cont.)

<table>
<thead>
<tr>
<th>Power Source</th>
<th>External Options</th>
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<th>Pressure Range</th>
</tr>
</thead>
<tbody>
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<td>AC 100V 50Hz</td>
<td>Yes</td>
<td>Yes</td>
<td>0-100 kPa</td>
</tr>
</tbody>
</table>

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**Notes:**

- All options are available for various applications.
- A wide variety of options are available for various applications.
- For more information, please contact our sales department.