TEST PUMPS
Manual test pump

Hand Test pump TP50S

Code No. TP50S

Maximum Pressure: 50kgf/cm² (710psi) | Hydrostatic Pressure | Manual

Stable tank design makes it easy to use. Well designed handle is easy to grip and pump. Tank & cover are made from plastic to avoid corrosion.

- **Discharge water volume**: 16ml / each time
- **Tank capacity**: 3.0L
- **Length of hose**: 1m
- **Standard Accessories**: Nipple R1/2” (PT1/2”) × G1/4” (PF1/4”)
- **Quantity**: 4

**ø75mm pressure gauge**

- ø75mm pressure gauge. ※ Single pressure gauge is also available. (Code No. TP563)

**ø100mm pressure gauge**

- For connecting directly to the machine. Code No. EP257 EP1 bush 3/8” × 1/4” is necessary.

**Pressure Gauge Unit**

- Code No. TP041
  - Connection size: Pipe: 1/2” Pump: 1/4”

Manual + Electric test pump

Hybrid Test pump TP50B

Code No. TP50B

Quick water supply priming by using a cordless screwdriver or drill to turn the pump at high speed. Easily viewed ø75mm pressure gauge.

- **Discharge water volume**: 16ml / each time
- **Tank capacity**: 10.5L
- **Weight**: 5.5kg
- **Length of hose**: 1m
- **Standard Accessories**: Nipple with a suction filter R1/2” (PT1/2”) × PF1/4”, Hex bit

**Pressure Gauge Unit**

- Code No. TP041
  - Connection size: Pipe: 1/2” Pump: 1/4”

FOR LEAK TEST OF VARIOUS PIPES, TANKS, VALVES, AND JOINTS BY PRESSURE! SMALL AND EASY TO CARRY!!

High speed water supply using cordless screwdriver or drill to charge lines! BIG VOLUME 10.5L TANK!
Q. What is a pulsation test?

A. Making the pressure go up & down produces water vibrations. If there is improper work such as poor couplings or screwing of pipes, the vibrations increase the fault resulting in visible leaks.

If pressure goes down at this stage, the installation is already leaking.

If the pressure isn’t going down, move on to the hydrostatic pressure test. For a predetermined period of time, apply a constant pressure.

If the pressure goes down, there are leaks.

If the pressure doesn’t go down, pipes are correctly installed.

By applying a pulse pressure test, leaks from improper work can be detected faster and easier than by just a normal hydrostatic test.

Can find small water leaks quickly

Find leaks that are hard to find by hydrostatic pressure tests alone.

Can be connected to water outlet or to the self supply water tank.

Both pulsation and hydrostatic pressure tests can be performed.

Pulsation test pump MP30

Leak test of resin pipes for cold or hot water, or mechanical joints after pipe plumbing.

For detecting a loose connection of mechanical joints and insufficient tightening of polybutene pipe

Finding missing or insufficient epoxy application at the joint of vinyl chloride pipes.

EASY TO FIND LEAKS WITH PULSATION TEST PUMP!!
Electronic Test Pump EP440

Code No. EP470

- **Maximum Pressure**: 40kgf/cm² (570psi)
- **Discharge water volume**: 3.0L/min (50Hz) / 3.7L/min (60Hz)
- **Motor**: 220V / 200W
- **Weight**: 9kg

**Standard Accessories**
- Pressure gauge unit, High pressure hose 1m, Suction hose 2.6m, Filter, Relief hose 2.6m, 2 wrenches, Case

### EP1 Pressure Gauge

**Code No.** EP163

<table>
<thead>
<tr>
<th>Item</th>
<th>Code No.</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test pump kit (1)</td>
<td>EP101</td>
<td>pressure unit + High pressure hose 1m</td>
</tr>
<tr>
<td>Pressure gauge unit</td>
<td>EP105</td>
<td></td>
</tr>
<tr>
<td>Spray gun kit (2)</td>
<td>EP201</td>
<td>spray gun + high pressure hose 8m</td>
</tr>
<tr>
<td>Spray gun</td>
<td>EP430</td>
<td></td>
</tr>
<tr>
<td>Hose for direct connect</td>
<td>EP252</td>
<td>length: 3m</td>
</tr>
</tbody>
</table>

- **1**: Kit which converts the high pressure cleaner 440 to electric test pump.
- **2**: Kit which converts the EP440 to high pressure cleaner.
- **3**: Use as a combination of the pressure gauge and the gauge unit.

### Air Test Pump

**Code No.** FA0504T

- **Maximum Pressure**: 3kgf/cm² (113.8psi)

**Discharge air volume**

| Pressure | 6kgf/cm²: 10L / 13L/min, 3kgf/cm²: 6L / 7.5L/min, 6kgf/cm²: 4.7 / 5.9L/min |

- **Power Source**: Single Phase 100V / 50Hz / 60Hz
- **Tank capacity**: 4.0L
- **Weight**: 15kg

**Standard accessories**
- Air hose 5m, Air duster, Pump, Pressure gauge unit, Rotest.

### Pressure gauge 10.2kgf/cm²

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA032</td>
<td>10.2kgf/cm²</td>
</tr>
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</table>

### Pressure gauge unit 10.2kgf/cm²

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Pressure</th>
</tr>
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<tbody>
<tr>
<td>FA035</td>
<td>10.2kgf/cm²</td>
</tr>
</tbody>
</table>

- **IDEAL MODEL FOR LEAK TEST OF VARIOUS PIPES, TANKS, VALVES, AND JOINTS**

- Small and light - 9kg.
- Pump water also from water tap using an optional hose.

- High durability, low maintenance, oil-less air test compressor.
- Well-balanced low center of gravity design.
- Easy to adjust pressure.
- Includes safety stop switch activating at 8kgf/cm², restarting at 6kgf/cm².

- **Air-tight pressure test without water!**
- **4.0L of tank capacity!!**