Penetrant Testing / Liquid Penetrant Testing

**PICO Color Check™**

**Solvent Removable Type**

This is the most easily applicable and the most widely used Method. With this method, surface defects in articles made of almost all materials can be detected rapid and exactly with clear indications. The penetrants are sold in portable kits. In addition, Pico color checks are made of specially for vessels and parts of nuclear power plant. They have high sensitivity and proper chemical characteristics suitable for testing the parts used in nuclear power industries. (meets nuclear specifications for chlorine, fluorine and sulfur)

**Advantages**

1. Not decays any tested materials
2. Rapid and exact detection of fine surface defects not observable with eye
3. Reserving indications on the surface as long as not cleaning
4. Easily usable even by a beginner owing to the aerosol products
5. Economical to small quantity and at the field site.

**Applications**

- Castings : Pinholes, wrinkles, shrinkage, etc.
- Forgings : Overlapping, cracks, wrinkles, etc.
- Weldings : Improper welding, Cracks, etc.
- Metallic materials : Fatigue cracks, grinding cracks, etc.
- Through-Leak : tanks, Pipes etc.
- Cemented carbide cutting tool : Cracks, lack of bond, miscellaneous Flaws, etc.
- Non metallic material : Ceramics, glass, etc.

**PICO-Penetrant : PICO Color Check P2**

**Solvent Removable Penetrant**

Most widely used, general purpose solvent removable penetrant. Good for rough surfaces and large parts.

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<td>P2</td>
<td>Aerosol</td>
<td>450 ml/can</td>
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<tr>
<td>P2</td>
<td>Bulk</td>
<td>1ℓ</td>
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<tr>
<td>P2</td>
<td>Pail</td>
<td>19ℓ</td>
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※ Aerosol Type case of 6-450 ml/can
● PICO-Developer : PICO Color Check D4

* PICO-Developer
General purpose developer

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※ Aerosol Type case of 6-450 ml/can

● PICO-Remover : PICO Color Check R1-3

* PICO-Remover

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※ Aerosol Type case of 6-450 ml/can

● PICO-Color Check kits

* PICO-Color Check kits
Color check visible penetrant kits quickly locate surface cracks.
Easy to transport for field inspections.
No UV light required because of vivid red color.
Assemblies
Includes
- Penetrant × 1 can/450 ml
- Developer × 2 can/450 ml
- Remover × 3 can/450 ml