TEST INSERTS
TEST SYSTEMS
TEST APPLICATIONS
TEST FIXTURES
TEST HANDLERS
Always the right connection

IPTE Test Inserts are designed to automate the insertions of connectors. They are designed to fully automate the insertion with controlled depth. The used material allows ten thousands of insertions. The insert head is constructed to allow quick exchange in case of wear out. Each connection head is connected to the outside world using flexible wires, reduces the force on the connector so that the connector head is always repositioned in its zero position. The flexible wiring also maintains signal integrity.

All inserts can be made available for both horizontal or vertical use.

Each insert is mounted on a separate bracket so that reuse and/or reconfiguration is made easy and quick.

- Robust connection
- Long life time (hot-pluggable)
- Wear resistant contact material
- Vertical or horizontal insertion

- Options
- Floating and autocentring locating
- Integrated contact switch
- Twisted pair wiring for maximum signal integrity
- Ground contact first before any other pin (if applicable)
Test Inserts

- HDMI
- PCMCIA
- mini-DIN
- PCB DIP Connectors
- Fan Detection
- Jack
Test Inserts

Power

Coaxial power connector

VGA

SCART

Optical S/PDIF

LVDS
Test Inserts

- USB
- micro USB
- SD-Card
- RJ11/RJ45
- RF Connectors
- Dual RF
### Test Inserts

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI</td>
<td>Type A, B, C, D, E</td>
</tr>
<tr>
<td>PCMCIA</td>
<td>Type I, II, III and CompactFlash</td>
</tr>
<tr>
<td>mini DIN</td>
<td>mini DIN-3, 4, 6, 7, 8, 9</td>
</tr>
<tr>
<td>PCB DIP Connectors</td>
<td>2 mm or 2.54 mm pitch, various sizes</td>
</tr>
<tr>
<td>Fan Detection</td>
<td>Flow rate and direction</td>
</tr>
<tr>
<td>Jack</td>
<td>2.5 mm and 3.5 mm (Tip, Ring1, Ring2, Sleeve)</td>
</tr>
<tr>
<td>AC Power</td>
<td></td>
</tr>
<tr>
<td>Coaxial power connector</td>
<td>EC 60130-10 Type A, B, C, D, E</td>
</tr>
<tr>
<td>VGA</td>
<td>DE-15, mini VGA</td>
</tr>
<tr>
<td>SCART</td>
<td>TOSLINK</td>
</tr>
<tr>
<td>Optical S/PDIF</td>
<td>TOSLINK</td>
</tr>
<tr>
<td>LVDS</td>
<td></td>
</tr>
<tr>
<td>USB</td>
<td>Type A, B, mini-USB, micro-USB</td>
</tr>
<tr>
<td>SD-Card</td>
<td>SD-Card, microSD</td>
</tr>
<tr>
<td>RJ11</td>
<td>6 positions, 4 contacts</td>
</tr>
<tr>
<td>RJ45</td>
<td>4, 6, 8 or 10 positions; even number contacts</td>
</tr>
<tr>
<td>RF Connectors</td>
<td>BNC, RCA, SMA, SMB, SMC, TNC, TV aerial plug, UHF / Mini-UHF</td>
</tr>
<tr>
<td>High Voltage</td>
<td></td>
</tr>
<tr>
<td>High Current</td>
<td></td>
</tr>
</tbody>
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**IPTE**

Geleenlaan 5
3600 Genk
Belgium
Tel: +32 (0)89 623 000
Fax: +32 (0)89 623 010
Email: info@ipte.com

**IPTE SALES**

Detailed information on our worldwide sales offices can be found on our website at www.ipte.com