ITS
In-Line Test System

- Full Automatic In-Line ICT and FT Test Handler
- Single stage, dual stage and double sided contacting
- 90° Jig tilting for debugging
- 19” Mounting space
- Very fast exchange time (typical 3 seconds)
# ITS

## In-Line Test System

### PCB Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB Width:</td>
<td>80 - 340 mm [with max 70 mm clearance]</td>
</tr>
<tr>
<td>PCB Length:</td>
<td>80 - 460 mm</td>
</tr>
<tr>
<td>PCB Ratio:</td>
<td>0.8 (length ≥ 0.8 x width)</td>
</tr>
<tr>
<td>PCB Thickness:</td>
<td>&gt; 0.5 mm</td>
</tr>
<tr>
<td>Component Height (top side):</td>
<td>max. 170 mm [with max 280 mm width]</td>
</tr>
<tr>
<td>Component Height (bottom side):</td>
<td>max. 10 mm</td>
</tr>
<tr>
<td>PCB Edge support:</td>
<td>3 mm</td>
</tr>
<tr>
<td>PCB Weight:</td>
<td>max. 2.5 kg</td>
</tr>
</tbody>
</table>

### Technical Specification

- **PCB Exchange time:** Typical 3.5 sec (product dependent)
- **Press down force:** 3 kN
- **Contacting method:** Bottom, Top, Single and Dual Stage Contacting
- **Location PCB stopper:** Fixture (optional transport)
- **Transport speed:** 100 - 800 mm/sec
- **Transport height:** 940 - 965 mm SMEMA
- **Transport direction:** L ⇒ R, R ⇒ L (to be specified at time of order)
- **19” Mounting space for electronics:** 12 HE
- **Change over time for fixture:** < 1 min (top & bottom)
- **Protection screens:** ESD Safe
- **Controller:** Omron
- **Energy requirements:** 3 x 400 V + N, 3 kVA
- **Compressed air:** 6 - 20% bar, according to DIN ISO 8573 3.4.5
- **Color:** RAL 7035 ESD
- **Dimensions (L x D x H):** 600 x 880 x 1.550 mm excluding signal tower
- **Weight:** ca 150 kg
- **Software:** interface DLL, Optional CPC
- **Standards:** CE Approved

### Options

- Retractable transport for Cage of Faraday applications
- Multiple stop positions
- Interface for top and bottom tooling
- PCB Width independent transport
- PCB Edge support: 2.0 - 4.5 mm adjustable
- Various Fixture Interfaces (ODUMAC, Pylon, SubD, Din)
- Dual segment