LEDA-3GP P9000

*Fully-Auto Probe Station*

**Advantages**

1. High speed, Compact, rigid and reliable fully-auto chip probing system.
2. Easily set-up and operate.
3. Particularly well suited for various chip-type products.
4. Industrial PC control base, software with high flexibility.
5. Customer oriented service policy, accept individual customer.

**Applications**

1. LED field
2. Discrete elements.
3. Communication elements.
4. MEMS
5. Semiconductor

*All are suitable for mass-production, quality control and R&D purpose.*

**Features**

1. Stretched 2”-6” wafer probing
2. Frame size up to DTF 2-8-1 and GR 8
3. Auto barcode reading
4. Fast wafer frame exchange: < 8 sec
5. Chuck probing area: Φ 8.2” Max.
6. Cassette Capacity: 2
7. Chip size: 6-80mil
8. Fastest chip scanning system
9. Smart chip alignment algorithm

*The outlook is subject to change without notice.*
Specifications

- **Dimension**
  - Wide: 1450mm
  - Height: 2250mm (including signal tower)
  - Depth: 1295mm
  - Weight: 850Kg

- **Material**
  - Chip Size: 6 mil x 6 mil ~ 80mil x 80mil
  - Cassette Capacity: 2
  - Grip Ring: GR4, GR5, GR6 & GR8
  - Disco Frame: DTF 2-6-1 & DTF 2-8-1

  *Different products need to change over*

- **X-Y Stage**
  - Stroke: 495x320 mm
  - Resolution: X:0.1 µm; Y:0.1µm
  - Accuracy: <20 µm / 160mm
  - Repeatability: <4 µm

- **Z-T Stage**
  - Stroke: 10 mm (Z) / ±7.5° (T)
  - Resolution: 0.2 µm (Z) / 0.0018° (T)
  - Accuracy: <8 µm / 10mm (Z)
  - Repeatability: <4 µm (Z)
  - Chuck Flatness: <10 µm

- **Vision System**
  - CCD Pixel: 1296 x 966
  - FOV: 6.4mm x 4.8mm
  - Illuminator: Coaxial Light

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**Throughput Table**

<table>
<thead>
<tr>
<th>Time (ms)</th>
<th>Index Range (mil)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Contact</td>
<td>6</td>
</tr>
<tr>
<td>Range (mil)</td>
<td>8</td>
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<tr>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

*No edge sensor function.*

*This table is subject to change without notice.*

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**Facility Requirement**

- **Power**: AC110/220V, 50/60Hz, 990VA
- **Vacuum**: <70 kpa
- **CDA**: 3~5 kPa/cm²

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[Images and logos]

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