Ackuretta Professional 3D Printers
Precision, Production, Reliability

Print Speeds of up to 4 cm/hr

<table>
<thead>
<tr>
<th>Ackuray™ A96</th>
<th>Ackuray™ A135</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High-precision printing</strong></td>
<td><strong>High-production printing</strong></td>
</tr>
<tr>
<td><strong>3D Printing Technology</strong></td>
<td>DLP</td>
</tr>
<tr>
<td><strong>Machine Size</strong></td>
<td>360 x 460 x 720 mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>33 Kg</td>
</tr>
<tr>
<td><strong>Build Volume</strong></td>
<td>96 x 54 x 130 mm</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>± 25 μm</td>
</tr>
<tr>
<td><strong>Z Resolution</strong></td>
<td>1-100 microns</td>
</tr>
<tr>
<td><strong>Resin Wavelength</strong></td>
<td>405 nm</td>
</tr>
</tbody>
</table>

* Accuracy may vary depending on build parameters, part geometry and size, part orientation, material, and post-processing.

Powerful DLP Projector
Open Material System
Easy Material Changeover
High Speed Prints up to 4cm/hr
Detailed Prints ± 25 μm / ± 35 μm

Print Speeds of up to 10 cm/hr

Diplo™
Large production printing

<table>
<thead>
<tr>
<th><strong>3D Printing Technology</strong></th>
<th>DLP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Machine Size</strong></td>
<td>48 x 48 x 49.5 cm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>37 Kg</td>
</tr>
<tr>
<td><strong>Build Volume</strong></td>
<td>Left build area: 140 x 78 x 110 mm</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>± 37 μm</td>
</tr>
<tr>
<td><strong>Z Resolution</strong></td>
<td>5-100 microns</td>
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<tr>
<td><strong>Resin Wavelength</strong></td>
<td>405 nm</td>
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</tbody>
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Powerful DLP Projector
Double Print Areas
Open Material System
Print from a Browser-based Console
Rapid Speed Printing of up to 10 cm/hr
High Definition Prints ± 37 μm

www.ackuretta.com
**High Productivity Workflow**

Optimized workflow for low cost, high output production.

- **Dental Arches** in QuraMODEL 2.0
  - Diplo™ Print Qty: 20
  - 1 hr

- **Digital Dentures** in QuraCROWN
  - Diplo™ Print Qty: 14
  - 2 hrs

- **Surgical Guides** in QuraGUIDE
  - Diplo™ Print Qty: 12
  - 1 hr

- **Splints** in QuraGUIDE
  - Diplo™ Print Qty: 20
  - 1 hr

- **Temporary Crowns** in QuraCROWN
  - Diplo™ Print Qty: 72
  - 30 mins

- **Castable Crowns** in Dreve FotoDent Cast
  - Diplo™ Print Qty: 72
  - 30 mins

- **Castable Bridges** in Dreve FotoDent Cast
  - Diplo™ Print Qty: 8
  - 30 mins

- **Castable Rings** in QuraWAX HD
  - Diplo™ Print Qty: 12
  - 1.5 hrs

- **Castable Bangles** in QuraWAX HD
  - Diplo™ Print Qty: 12
  - 1.5 hrs

**Software**

Alpha 3D™ and Omega 3D™ are a versatile, high-end suite of software allowing users to repair, edit and complete 3D printed files. These powerful software provide users with fast and accurate slicing technology and enhanced communication between software and 3D printers.

**Materials**

Innovation comes from experimentation. Print with any SLA/DLP resin on the Ackuray™ or Diplo™ for a powerful synergy of utility and accuracy unparalleled by any other DLP 3D printer.

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