SETscan® allows detailed visual and numerical characterization of spray quality in terms of cone angle, asymmetry, streaks, voids and patternation number.

Available Options and Accessories

- Interface cables
- Custom control panel interface
- SETscan® Graphical User Interface
- Mounting stand
- Self centering nozzle chuck
- Spare lasers and lenses
- Data acquisition system
- Five year service contract

<table>
<thead>
<tr>
<th>Specifications</th>
<th>OP-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum radial resolution</td>
<td>0.2mm</td>
</tr>
<tr>
<td>Maximum angular resolution</td>
<td>5 degrees</td>
</tr>
<tr>
<td>Power Input</td>
<td>120/230 VAC, 50/60Hz, 5.5W</td>
</tr>
<tr>
<td>Maximum diameter of spray</td>
<td>2 inches</td>
</tr>
<tr>
<td>Patternation frequency</td>
<td>1000Hz/4000Hz</td>
</tr>
<tr>
<td>Weight</td>
<td>40 lbs</td>
</tr>
<tr>
<td>Dimensions</td>
<td>diameter: 28&quot;, height: 5&quot;</td>
</tr>
</tbody>
</table>

En’Urge Inc.
1291-A Cumberland Avenue, West Lafayette, IN 47906 | Phone 765.497.3369 | Toll Free 1.877.835.6100 | Fax 765.463.7064

www.enurga.com

innovations in quality control
The SETscan® is a high frequency Statistical Extinction Tomography based optical patterner used for on-line quality control of spray nozzles. Its reliability, accuracy, speed and ease of operation make the SETscan® the ideal choice for optical patterning.

**Patternation at its simplest**

**Why the SETscan patterner?**
- More reliable and accurate than competitive technology
- The fastest and easiest patterner to operate in the market
- Guaranteed reproducible results

**ROI implications**
- Faster nozzle testing
- Lower quality-control costs
- Quality pricing strategy for your nozzles

**Marketing implications**
- Strengthen your technology leadership position
- Reproducible quality assurance
- Valuable aid for marketing nozzles

**Product quality implications**
- Enables on-line inspection
- Traceable and warehoused data
- Quick design verification

**Customer Satisfaction Implications**
- Nozzle quality assurance
- Product usage optimization
- Enhanced services

**Features**
- Out-of-box deployment capability
- No factory floor setup required
- Mountable in any orientation
- Easily obtainable patterning results
- Pattern time as low as 250μs
- Insensitive to nozzle center misalignment
- Minimal technical expertise required
- Protection against corrosive liquids
- Immune to factory floor lighting
- Very low maintenance

**Patternation at its best**

**Visualization Tools**
- Cone angle, asymmetry, streaks, voids and patterning number
- GUI with point and click operation including one click calibration
- Contour plot of drop surface area per unit volume
- Patterning number for user specified pie, linear and area configurations
- Rotatable, 3D plots, transient movies, and data cubes
- Portability of data and graphics to desktop applications