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

SETscan™ Graphical User Interface
Connectivity to SQL / Oracle / SAP databases
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-600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum radial resolution</td>
<td>0.70 mm</td>
</tr>
<tr>
<td>Maximum angle resolution</td>
<td>5 degrees</td>
</tr>
<tr>
<td>Power input</td>
<td>120 / 230 VAC, 50 / 60 Hz, 12 W</td>
</tr>
<tr>
<td>Maximum diameter of spray</td>
<td>7 inches</td>
</tr>
<tr>
<td>Patternation frequency</td>
<td>1000 Hz / 4000 Hz</td>
</tr>
<tr>
<td>Weight</td>
<td>125 lbs</td>
</tr>
<tr>
<td>Dimensions</td>
<td>diameter: 48 inches height: 10 inches</td>
</tr>
</tbody>
</table>
More reliable and accurate than competitive technologies
The fastest and easiest patternator in the market
Guaranteed reproducible results

The SETscan® OP-600 is a high frequency Statistical Extinction Tomography based optical patternator used for the on-line quality control of spray nozzles.
Its reliability, accuracy, speed and ease of operation make SETscan® the ideal choice for optical patternation.

Patternation at its Simplest

ROI implications
- Faster nozzle testing
- Lower quality-control costs
- Quality pricing strategy

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

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

Features
- Out-of-box deployment capability
- Mountable in any orientation
- Easily obtainable patternation results
- Patternation time as low as 250 s
- Insensitive to nozzle center misalignment
- Minimal technical expertise required
- Protection against corrosive liquids
- Immune to factory floor lighting
- Very low maintenance