2D Series Profiling Dud Detectors

The 2D Profiling Dud Detector is designed with your quality efforts in mind, providing the most reliable way to inspect Lug, PT or composite cap-sealed packages for cap application and proper vacuum levels. Offering automation and improved sensitivity at high speeds, the 2D Profiling Dud Detector helps keep production on-track.

**FEATURES:**
- Noncontact Laser or Proximity Sensor Measurement
- Simple Setup, Universal Mounting To Any Conveyor
- Operates Up to Four Rejectors, Supports Any Rejector
- Results Tracking, Defect Sorting, PackML Compliant

**Which To Use**

**2D PROFILING DUD DETECTOR (LASER)**
- METAL CAPS, BUTTON & NON-BUTTON
- COMPOSITE CAPS
- ON GLASS CONTAINERS
- ON SELECT PLASTIC CONTAINERS
- MEASURES PANEL DEFLECTION RESULTING FROM VACUUM IN PACKAGE
- PROFILES IN HIGH DEFINITION
- DETECTS MISSING, HIGH, AND SLANTED CAPS

**2D PROFILING DUD DETECTOR (PROX)**
- METAL CAPS, BUTTON & NON-BUTTON
- ON GLASS CONTAINERS
- ON SELECT PLASTIC CONTAINERS
- IMMUNE FROM WATER ON CAP SURFACE
- MEASURES PANEL DEFLECTION RESULTING FROM VACUUM IN PACKAGE
- DETECTS MISSING, HIGH, AND SLANTED CAPS

**2D-X2 DUAL PROFILING INSPECTION**
- METAL CAPS, BUTTON & NON-BUTTON
- PLASTIC CAPS
- ON GLASS CONTAINERS
- ON MANY PLASTIC CONTAINERS
- ADVANCED TOOLS TO DETECT CHARACTERISTICS OF IMPROPERLY APPLIED PLASTIC CAPS
- DUAL PROFILES IN HIGH DEFINITION
- DETECTS MISSING, HIGH, AND SLANTED CAPS
- DETECTS ASYMMETRIES
- DETECTS IMPROPER APPLICATION TORQUES

Want To Know More? sales@silganequipment.com

www.silganequipment.com | 847.336.0552 | 1301 W. DUGDALE RD, WAUKEGAN, IL 60085
## 2D SERIES PROFILING DUD DETECTOR TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>2D Profiling Dud Detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Inspection Speed</td>
<td>Up to 900 Containers Per Minute</td>
</tr>
<tr>
<td>Closure Size</td>
<td>Ø30mm ~ Ø110mm</td>
</tr>
<tr>
<td>Container Height</td>
<td>1-1/4” ~ 14”</td>
</tr>
<tr>
<td>NEMA Rating</td>
<td>4X - Watertight (Wash-Down Environment)</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>100-240VAC, 50/60Hz. (Control Voltage 24VDC)</td>
</tr>
<tr>
<td>Environment Temp.</td>
<td>50° ~ 100°F</td>
</tr>
<tr>
<td>Space Required</td>
<td></td>
</tr>
<tr>
<td>Control Unit</td>
<td>Height : 78  Inches</td>
</tr>
<tr>
<td></td>
<td>Width : 13.5 Inches</td>
</tr>
<tr>
<td></td>
<td>Depth : 8  Inches</td>
</tr>
<tr>
<td>Sensor Head</td>
<td>Height : 72  Inches</td>
</tr>
<tr>
<td></td>
<td>Width : 6.5  Inches</td>
</tr>
<tr>
<td></td>
<td>Depth : 11.25 Inches</td>
</tr>
<tr>
<td>Conveyor Space</td>
<td>&lt; 10”</td>
</tr>
<tr>
<td>Required</td>
<td></td>
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</tbody>
</table>

### Choose From These Great Options:
- Tap Touch 600 Rejector
- Soft Touch 600 Rejector
- Air Touch 600 Rejector

### Why Choose Silgan Equipment?
- Silgan’s expertise and leadership has served our customers for over 20 years with inspection solutions.
- Today, the Silgan Equipment business partners exceed their standards for quality and support world-wide. Many of the top food and beverage processors rely on us for their equipment needs.
- With full-service technicians located throughout the continental US, we stand by our products and help you get the best out of your operation.
- Silgan Equipment is a proud member of the Silgan family of companies. We deliver the best-in-class service you deserve. We know your packaging and can help you grow.

*LET US HELP TAKE YOUR BUSINESS TO THE NEXT LEVEL!*

### Capping
### Material Handling
### ★ Quality Inspection
### Rebuild & Engineering Services

Take Advantage of Silgan’s Large U.S. Service Network

To start improving your productivity, call: 847.336.0552