WILOT WMR-12

Automatic Online Width Measurement
The Wilot WMR is a reliable instrument for determining the product width without contact during running operation, especially at the stenter delivery side. The system helps comply with quality requirements to lower costs. After all: Rejects and compromised quality have a major negative effect.

**Customer benefits**
- High repeatability
- Homogeneous product appearance
- Documentation of product quality
- Short amortisation times

**Area of application**
The Wilot WMR’s usability is quite diverse. Stenters and the leveling stenter represent the main application areas.

**Product highlights**
- One-sided measuring process
- Extremely wide range of products
- Wear-free LED technology
- Non-contacting and continuous
- Determines the product width with the greatest accuracy using digital signal processing
- Universal application

**Principle of operation**
IR LEDs used as retro-reflective devices determine the product width. The operator can set the sensitivity of the sensors from the included control panel and specify the maximum and minimum product width for alarm functions. Since the sensor module only needs to be attached on one side of the product, mounting options are very flexible.

The unit consists of:
- Sensor module
- Electronics
- Control panel
- Digital display (optional)

Different models are available to cover a wide variety of applications:
- Stand-alone version with digital display
- Module version with visualisation on an Optipac or Orthopac
# TECHNICAL DATA

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameter</td>
<td>Product width</td>
<td></td>
</tr>
<tr>
<td>Measuring principle</td>
<td>IR Reflection</td>
<td></td>
</tr>
<tr>
<td>Measurement accuracy</td>
<td>(per side) ± 5</td>
<td>mm</td>
</tr>
<tr>
<td>Measuring value update</td>
<td>Depends on the size; ~20</td>
<td>ms/m</td>
</tr>
<tr>
<td>Nominal product width, maximum</td>
<td>5600</td>
<td>mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Depends on the version</td>
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<tr>
<td>Version design</td>
<td>Aluminum</td>
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<tr>
<td>Temperature range</td>
<td>0 - 50</td>
<td>°C</td>
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<tr>
<td>IP protection class</td>
<td>IP 65</td>
<td></td>
</tr>
</tbody>
</table>

## Dimensions

*Wilot WMR (91-013867-03)*
Monitoring and control systems, automation:

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