The Fife VEO 600 is a low cost, compact and easy to install and use video-assisted moving-web monitoring inspection system.

The VEO 600 uses a camera system with integrated strobe lighting, timed to your machine print cylinder, bull gear or printed mark to capture or “freeze” images of a moving web. This allows for the visual inspection of print quality, registration and other print processes by an operator at production speeds.

In addition, the VEO 600 features a 30:1 zoom function, up to 10 images per second, gamma adjustments and split screen with image freeze.

An intuitive system, it is available in manual, manual with remote and motorized options to fit your application needs, making your web inspection quick and easy.

**GENERAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th><strong>Product Models</strong></th>
<th><strong>Camera</strong></th>
<th><strong>Positioning Traverse</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>VEO 600–M: Manual positioning with keypad on camera</td>
<td>Type: CMOS Imager</td>
<td>Manual Positioning:</td>
</tr>
<tr>
<td>VEO 600–R: Manual positioning with keypad on remote</td>
<td>Output Resolution: 1280 X 1024</td>
<td>Dual mount max. length: 3 meters (118 inches)</td>
</tr>
<tr>
<td>VEO 600–MTZ: Motorized positioning with remote</td>
<td>Image Capture Rate: Up to 10X per second</td>
<td>Cantilevered mount max. length: 1 meter (39.4 inches)</td>
</tr>
<tr>
<td><strong>Enclosures</strong></td>
<td><strong>Field of View:</strong> 100 X 75 mm (3.9 X 3.00 inches)</td>
<td>Motorized Positioning:</td>
</tr>
<tr>
<td>IP20</td>
<td>Optical Zoom: 30X</td>
<td>Dual mount max. length: 3 meters (118 inches)</td>
</tr>
<tr>
<td><strong>Ambient Temperature</strong></td>
<td><strong>Strobe Head:</strong> Long-Life Xenon Lamp</td>
<td><strong>Positioning Speed</strong></td>
</tr>
<tr>
<td>0 to 40° C (32 to 104° F)</td>
<td><strong>Monitor</strong></td>
<td>52 mm/sec (2.05 inch/sec)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>Standard: 19 inches</td>
<td>(VEO 600–R and VEO 600–MTZ only)</td>
</tr>
<tr>
<td>110 to 240 VAC (50 to 60 Hz)</td>
<td>Optional: 24 inches</td>
<td><strong>KEY FEATURES</strong></td>
</tr>
<tr>
<td><strong>Line Speed</strong></td>
<td></td>
<td>- Easy to operate</td>
</tr>
<tr>
<td>400 m/minute (1,300 feet/min)</td>
<td></td>
<td>- Installs quickly (one cable from camera)</td>
</tr>
</tbody>
</table>

**KEY FEATURES**

- Easy to operate
- Installs quickly (one cable from camera)
- 19” LED wide-screen monitor
- Dual mount or cantilevered mount
- Split-screen, image freeze and rotation
- Timing inputs include gear-tooth sensor, encoder, eye-mark sensor and external synchronization inputs
- Dual monitor available
- GAMMA adjustment
- Auto-scan
- Remote can be mounted on power supply, panel mounted or as an isolated remote (VEO 600–R and VEO 600–MTZ only)
VEO 600 MODELS AND DIMENSIONS

VEO 600-MTZ (motorized)
Configuration comes with power supply and remote keypad shown below

VEO 600-M (manual)
Configuration comes with keypad on camera and power supply shown below

VEO 600-R (manual with remote) comes in same configuration as VEO 600-M but with the remote keyboard shown below in place of attached keypad
VEO 600–M
BASIC MANUAL SYSTEM BLOCK DIAGRAM

Optional Secondary Trigger Input
Primary Trigger Input
Gear tooth (shown)
Eye-mark sensor
Encoder
PLC input

Power Supply

Optional Second Monitor
Monitor

Notes:
Keypad on camera only
Manually positioned
Not shown—optional cable chain available when length exceeds 610 mm (24 inches)

Distance between frames or mounting brackets

VEO 600–R
BASIC MANUAL WITH REMOTE SYSTEM BLOCK DIAGRAM

Optional Secondary Trigger Input
Trigger Input (optional second trigger shown to the left)
Gear tooth (shown)
Eye-mark sensor
Encoder

Remote Keypad

Optional Second Monitor
Monitor

Notes:
Keypad on remote only
Manually positioned
Not shown—optional cable chain available when length exceeds 610 mm (24 inches)

Distance between frames or mounting brackets
Optional Secondary Trigger Input

Trigger Input (optional second trigger shown to the left)
- Gear tooth (shown)
- Eye-mark sensor
- Encoder
- PLC input

Notes:
- Keypad on remote only
- Motorized positioning
- Includes stops for CE mechanical safety protection
- Includes cable chain on all sizes

Distance between frames or mounting brackets