

VEO 700 VIDEO ENHANCED OBSERVATION



The Fife VEO 700 is our advanced system offering in video-assisted moving-web monitoring inspection.

The VEO 700 uses a camera system with integrated LED 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 700 features programmable positioning, job storage, 10:1 zoom function, up to 10 images per second, gamma adjustments and split screen with image freeze.

The VEO 700 joins the entry-level VEO 600 in inspection system offerings from Fife.



GENERAL SPECIFICATIONS

Product Models

VEO 700-MTZ:
Standard field of view
100 X 75 mm
(3.54 X 2.66 inches)

VEO 700-MTZ-EFOV:
200 x 120 mm
(7.87 x 4.72 inches)

Enclosures
IP20

Ambient Temperature
0 to 40° C
(32 to 104° F)

Power Supply
110 to 240 VAC
(50 to 60 Hz)

Line Speed
500 m/minute
(1,640 feet/min)

Camera

Type: CMOS Imager

Output Resolution:
1600 X 900 pixels

Image Capture Rate:
Up to 10X per second

Optical Zoom:
10X

Strobe Head:
LED

Monitor

Standard: 19 inches
Optional: 24 inches

Positioning Traverse

Dual mount max.
length: 5 meters
(196 inches)

Fully-programmable
positioning

Positioning Speed:

150 mm/sec
(5.9 inch/sec)

User Interface Options:

Touchscreen Monitor
Touchpad Remote
Mouse

KEY FEATURES

- Easy to operate
- Graphic user interface
- 19 or 24” LED wide-screen monitor
- Touchscreen monitor, touchpad remote or mouse interface options
- Split-screen and image freeze
- Features gear-tooth sensor, encoder, KT-5 optical mark reader as synchronization inputs
- Synchronized Dual camera Optional
- Auto-scan with multiple scan patterns
- Programmable positioning
- Job management
- Motorized back strobe optional