

PV SnapShot

High Speed Legend Inspection for Wire, Cable, Pipe, Tube and Cable Wraps

The PV SnapShot series of products provides operators with a combination of visual print verification as well as an automated "No Print" detector. The SnapShot's optical and software technology presents a windowed view of your print that is digitally strobed to allow verification of the complete cable legend over a period of a few seconds.

Ink Wheel Setup Tool

The high speed PV SnapShot 4500 is the only tool available for operators to completely verify and guarantee print on high speed production lines. This will reduce costs in your production facilities through reduced rework and improved productivity.

Enhanced Color Contrasting

The PV SnapShot uses a high-speed, digital color camera to capture real time images of cable markings. The digital images are enhanced, magnified and displayed on a monitor, enabling the operator to properly set up and monitor cable printers before poor print causes expensive waste. The enhanced image is much easier to read than the bare legend on the cable.

"No Print" Alarm

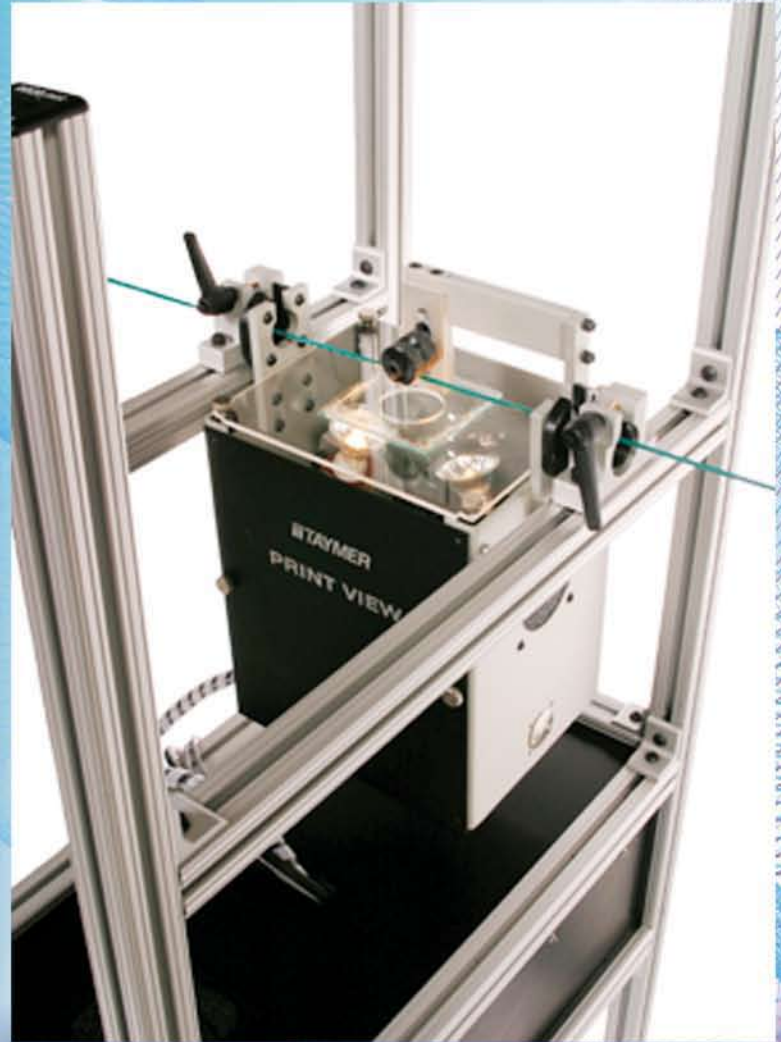
The Print Inspection software automatically detects "No Print" conditions and sends an alarm signal to alert the operator.

Remote Monitoring

A remote monitor can be located up to 300 feet or 100 meters from the Image Capture Station, allowing one operator to supervise two or three lines simultaneously.

Quality on the Line

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PV SnapShot 4500
(Shown in bottom mount configuration)

Features

- Captures Line Speeds as fast as 4500 ft/min or 1500 m/min
- 2"-8" or 50mm-200mm snapshot of cable is continuously updated and inspected
- Verifies print quality of any printer including: Inkjet, Ink Wheel, Hot Foil
- Automated Inspection option continuously checks for print on the cable
- "No Print" condition will send an alarm signal to alert the operator or production machinery
- Characters as small as 0.030" or 0.75mm, can be frozen, magnified and easily read
- 'Save Image' feature can be used for Quality Assurance documentation
- Remote viewing station allows operators up to 300 feet or 100 meters away to monitor the print
- Simple, Push Button Operator Interface – no computer knowledge required (operation is free of keyboard and mouse)
- Small Footprint, LCD, Flat Panel Display

PrintView SnapShot Specifications

Maximum Speed

Model 4500	4500 feet per minute, 1500 meters per minute
Model 2000	2000 feet per minute, 600 meters per minute

Character Size

0.030" - 0.500"
0.75mm - 12mm

Capture Station Weight

Without stand	10 lbs or 5 kg
With stand	50 lbs or 25 kg

Operator Console Weight

10 lbs or 5 kg

Capture Station Dim.

Without stand	30" X 22" X 40" (L X W X H) 760mmX560mmX1020mm (L X W X H)
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With stand (Option)

32" X 24" X 70" (L X W X H)
815mmX610mmX1780mm (L X W X H)

Console Dimensions

20" X 20" X 24" (L X W X H)
510mmX510mmX610mm (L X W X H)

Stand Mount

Height and Depth Adjustable

Inputs

Length Measuring Encoder

LCD Display

17"

Power

115 VAC 50/60 Hz
220 VAC 50/60 Hz

Inspection Software

Gain and contrast enhancement
Edge detection with pattern matching



Sample Image with "No Print" detection on co-extruded cable



Cable with print



Cable with no print detected
(alarm signal also sent)

Quality on the Line

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