TAYMER
Quality on the Line

Quality Inspection Systems

CV2000

Color Verification

for Wire and Cable, Pipe and Conduit



Reduced Rework

The Color verification system provides the operator with up to the second digital image feedback of the current color quality on any production line. This continuous stream of real time information allows the operator to monitor the color quality and gives time to react to correct coloring problems before they result in expensive rework or customer claims.

Increased Operator Productivity

The Color Verification system increases productivity in your wire and cable plant. Accurate data of the color quality allows operators to set-up production line quickly.

Quality Assurance

Using the color verification system, you can capture images of the colored cable, save the images to disk and print them out to include in your quality reporting both internally and to your customers. The system makes it possible for engineering and production supervisors to verify the color quality while briefly walking past the operator's console.

Color Defect Detection and Alarm Option

The color verification system continuously monitors your cables using a combination of image processing software and algorithms to deliver accurate feedback on your color quality. The information is compared to target data to see if the color meets the specifications. If the color does not meet specifications, it will activate a solid-state relay to send a signal to alert your operator. This will save thousands of feet of color mismatched cable.

FEATURES

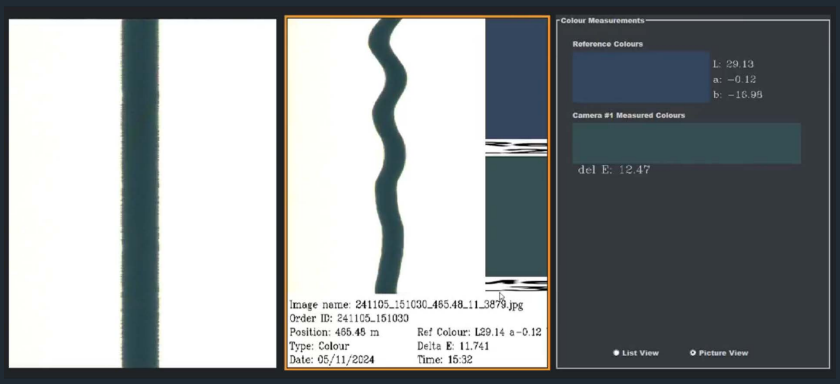
- Allows for accurate setup for color mixture
- Supports line speeds up to 3000 meters per minute or 9,800 feet per minute
- Registers defects for quality control records and operator verification
- Continuous up to date section display of the jacket color, ensuring quality meets the target every time
- Alerts operator and production machinery if any color mismatches were found
- Optional remote view station allows operators to catch problems before they go to your customer

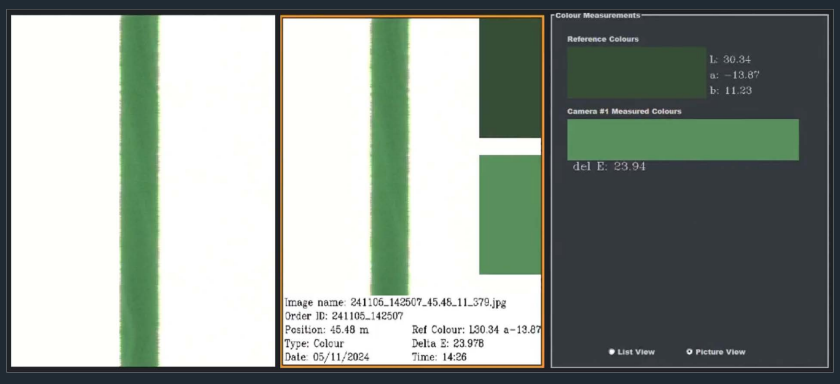




SPECIFICATIONS

- **Maximum Line Speed:**
  - 3000 meters / minute
  - 9,800 feet / minute
- **Push Buttons:**
  - Lights ON / Lights OFF
  - Height Adjustment
  - Computer Reset
- **Capture Station Weight:**
  - Without Stand: 5 kg | 10 lbs
  - With Stand: 25 kg | 50 lbs
- **Operator Console Weight:** 5 kg | 10 lbs
- **Capture Station Dimensions:**
  - Without Stand:
  - 760 mm X 560 mm X 1020 mm – L x W x H
  - 30” X 22” x 40” – L x W x H
- **Console Dimensions:**
  - 510 mm X 510 mm X 610 mm – L x W x H
  - 20” X 20” x 24” – L x W x H
  - Custom stands can be built
- **Stand Mount:** Height and depth adjustable
- **Input:** Length measurement encoder
- **Calibration:**
  - Easily programmable using standard keyboard
- **Power:** 115 or 230 VAC 50/60 Hz





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