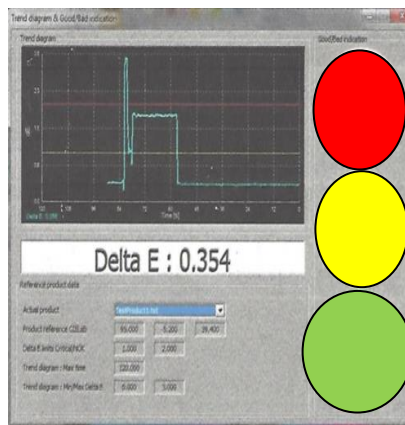


In-line CIELAB Colorimeter

MODEL 5010-S



INLINE COLORIMETER



TREND SOFTWARE

**PAPER MACHINES
PLASTIC EXTRUDIONS
WALL BOARD
COATING LINES**

**DECKING
VYNIL SIDING
RUBBER SHEETING
CALENARDED SHEET**

Small size, low cost colorimeter designed for In-line color measurement.

- Reads large 2.75-inch diameter measurement spot.
- Self-Calibrating every reading.
- Reads 10 readings second CIELAB values.
- Size 5-inch diameter by 8-inches tall.
- Distance 2.75-inches above line.
- Several instruments can be "Daisy-chained" on the same RS-485 line.
- RS-485 line allows sensor to be located 4,000 feet from computer.
- Estimated 12-year life LED light source.
- Air curtain keeps contaminants out of instrument.
- Ambient light correction.
- Operates up to 130-degree F.
- Instrument can be HITCHED to read like your Lab Instrument.

SYSTEM CONTAINS:

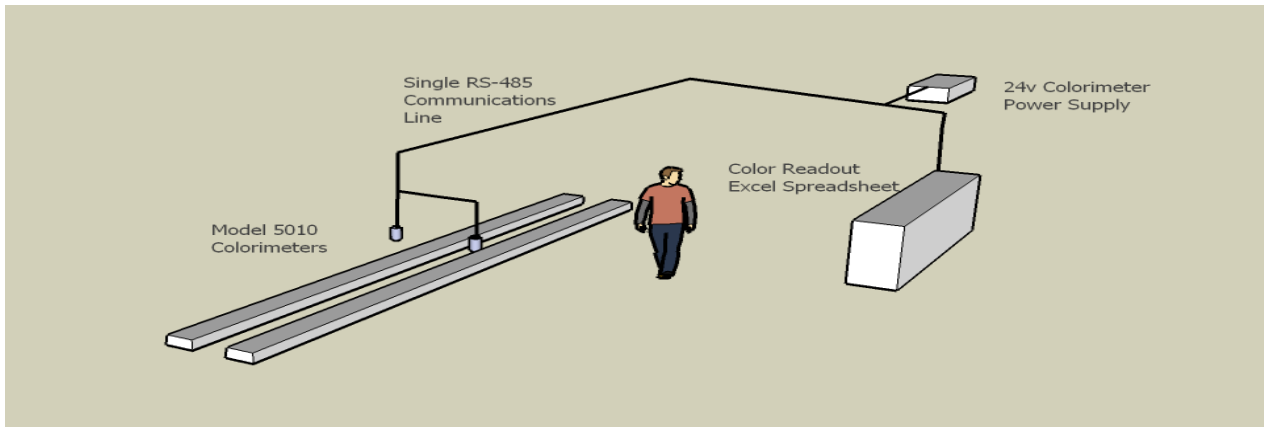
- The 5010-S sensor in protective cage.
- Three software programs -TREND, PASS-FAIL and HITCH.
- Low voltage power supply.
- Power and Communications cables each 50-foot long.

InLineColor 5010-S

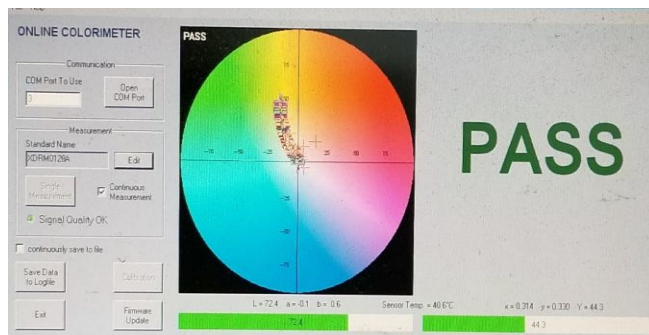
SPECIFICATIONS

- Reads color only - ignores gloss and texture effect.
 - Illuminate "C" with 2° observer (SCI).
 - Reads 400-700nm visible range.
 - Optimum working distance 70mm to product.
 - software gives Tristimulus and L*a*b*value.
 - Trend software has PASS-CAUTION-FAIL lights.
- Sensor HITCH able to read like your Lab instrument.
 - ASTM E313-D1925 Whiteness and yellowness index.
 - Measurement rate 10 readings a second.
 - Display rate 1 per second (averages 10 readings).
 - Stability 1.3 hours +/- 0.4 DE.
 - Inter-instrument agreement better than +/-0.25 DE

TYPICAL INSTALLATION



TYPICAL INSTALLATION



PASS-FAIL SOFTWARE