

SENTINEL TM-9.1

DIGITAL HIGH SPEED WEB COUNTER



Drop in Sentinel (Retrofit) Counter Module, for the Arpeco and Rotoflex Web Rewinder Applications.



The counter is supplied as a Retrofit Kit consisting of the Sentinel Counter management module designed to become a direct replacement into existing Arpeco and Rotoflex machine enclosures. The operator interface consists of an extremely easy to use 256 colour graphic touch screen with pop up keypads for simple data entry such as label length, repeat, slow down and stop numerical values.

Research and experience has indicated that most finished-product-errors, causing frustrating customer returns and complaints, occur due to incorrectly set or out of date malfunctioning label sensors. Recognising that ease-of-use is also paramount, the Sentinel offers simple touch control and large number displays to avoid operator confusion and frustration seen all too often during service visits.

Counting labels on a web is clearly the most accurate method when working with high volume products so you really do have to trust the functionality of your label sensor and the operator's ability to adjust it correctly. With the Sentinel the operator setup of each new job could not be simpler. By using the One-Touch sensor teaching function, the label sensor is automatically set up to correctly match the web substrate and label or leaflet density, under normal dynamic working conditions.

Length and Repeat measurements are handled by a truly unique and versatile Measuring Wheel assembly incorporating a digital encoder and spring mounting system all in one simple to install unit. A rather clever spring-loaded torsion arm provides a simple-to-adjust torsion load, allowing the measuring wheel to be mounted in any orientation including upside down. Label detection utilises a state of the art high functionality fibre Optic Led label sensor, with integral ee-prom memory capable of detecting a wide variety of web densities. As an optional extra a clear-on-clear label detection sensor can also be supplied. All installations are fully supported with initial onsite operator training and a fully comprehensive 12 month onsite warranty.

The following functions are included as standard.

- Label Mode using the E3X Fibre Optic sensor.
- Length Mode in metric meters. (Resolution 1mm).
- Repeat Mode in metric millimetres. (Resolution 0.25mm).
- Label & Repeat Comparison Mode.
- Batch Counter Display. (With Edit).
- Dual Accumulator Displays. (One with Edit).
- Inspection Strobe outputs.
- Remote count Reset. (With accidental reset protection).
- Real Time Clock and Calendar.
- Automatic Label Sensor Teach function.
- Interlocks for Tension, Slow and Stop
- Upgradeable to include MMLD and Splice Functionality.



State of the art label sensor with intelligent self teaching and tuning technology

Easy to use touch screen with pop up keypads



For further information contact Tom Yates on 07973 821445 or email tommtelec@aol.com