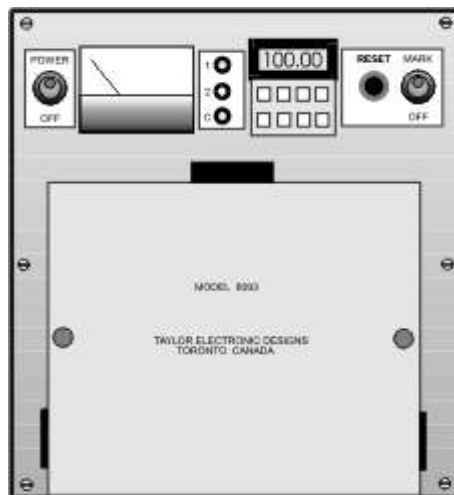


# TAYLOR ELECTRONIC DESIGNS

MODEL 8093 ELEMENT MARKING AND MEASURING UNIT

## **DESCRIPTION:**

The Taylor model 8093 was developed to measure and mark location of transition points of internal heating element coil and pin connector using balanced four coil transformer detection method. The test unit also measures and marks the centre point of the internal heating coil with the 6 Digit LCD Display. This test system is accurate, fast and user friendly.



## **FEATURES:**

- \* Excellent For Lab, QC And Production Use
- \* Compact, Low Power
- \* Fast Test Set-Up And User Friendly
- \* Wide Range Of Options Available

## **Specifications:**

Measuring Method:	Dual measuring wheels with optical encoders.
Basic Accuracy:	+/- 0.1" Transition Points/Counter Reading.
Transition Detection:	Balanced four coil transformer (contact pin to heating coil location).
6 Digit LCD Display:	Indicates ---> 000.00 to 100.00 inches.
Element Requirements:	Stainless Steel straight cartridge type.
Size Range:	Length: 10" To 100" (Minimum Heated Length Is 6") Diameter: 0.18" To 0.35"
Maximum Speed:	Forward: 20 Inches Per Second (Left To Right). Reverse: 10 Inches Per Second (Right To Left).
Marking Method:	Replaceable felt tip pen

**TAYLOR ELECTRONIC DESIGNS**  
MODEL 8093 ELEMENT MARKING AND MEASURING UNIT

**FRONT PANEL:**

Power Switch:	ON / OFF
Test Sequence LED's:	1. = Red    2. = Yellow    C. = Green.
Position Meter:	Indicates transition location (contact pin to internal heating element).
Digital Counter:	LCD 6 digit programmable.
Mark Switch:	Activates marking system.
Reset Button:	Resets Unit.

**REAR PANEL:**                      Power Cord and Fuse  
   Setup/Normal Switch

**Power and Dimensions:**

Power Requirements:	Universal AC Adapter Supplied (50 Watts max.).
Dimensions:	12" high x 11" wide x 10.5" deep.
Weight:	30 Lbs

**Contact:**

Taylor Electronic Designs  
2 Steinway Boulevard Unit 1  
Toronto Ontario Canada M9W 6J8

Roy Taylor  
Tel: (416) 504-9699  
Email: [sales@taylorelectronicdesigns.com](mailto:sales@taylorelectronicdesigns.com)  
Website: [www.taylorelectronicdesigns.com](http://www.taylorelectronicdesigns.com)

**Specifications And Price Subject To Change Without Notice.**  
**Printed March 2010**

***Preliminary Information***