



The SL Carline+ is the successor to the highly acclaimed SL Carline crimp force monitor endorsed by both the American and European automotive industries. With its upgraded electronics and software, the analysis has been enhanced to include Zone 1 & 2 and Peak Force evaluation. Single or double channel versions are available to cater to bench presses and automatic wire processing machines.

Flexible Application

The SL Carline+ system is excellently suited for all fields of application requiring the monitoring of crimp forces. The system accepts a wide range of triggering methods such as proximity, encoder and even automatic triggering by the force itself. A wide range of force sensors and adaptation plates (either on the ram or base-plate) are already available. To remove the need for adaptation plates, strain sensors mounted on the press frame are also supported. The system can be used with every crimp press, and thus protect your investment also for the future.

- 🌀 Suitable for every crimp applicator
- 🌀 Designed for bench presses and automatic machines
- 🌀 Single or double channel inputs
- 🌀 Force sensor adaptable on base-plate, ram or press frame
- 🌀 Enhanced force signal analysis
- 🌀 User friendly interface with graphical display of force curves
- 🌀 infoTOUCH access control and tool memory
- 🌀 Built in statistical process control
- 🌀 Serial interface for SPC and SoftScope software

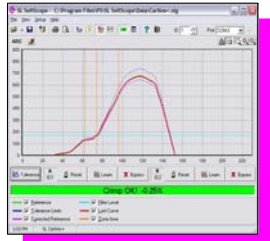
QUALITY CONTROL AT
YOUR FINGERTIPS



Monitoring Functions

Individual crimping process is monitored for the following defects:

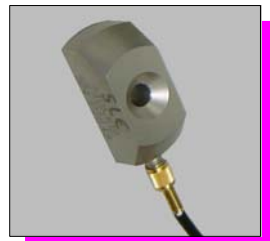
- Missing strands
- Wire not completely in the wire crimp
- Incorrect crimp height
- Strands outside terminal
- Incorrect wire gauge
- Missing terminal



Enhanced Analysis

In addition to the Area and Signature analysis, the following evaluations are included:

- Zone 1
- Zone 2
- Peak Force



Easy Installation

Strain Sensor mounted on the press frame eliminates the need for adaptation base plates. Together with the possibility to use the crimp force itself as trigger to eliminate the need to connect the trigger, this make the installation very easy.

Technical Specifications:

- Channels : Single or double
- Trigger (Optional) : proximity, encoder, disc & servo
- Tolerance sets : 8
- Outputs : stop, clock, good & bad
- Inputs : learn & reset etc.
- Interface : RS-232 for printing or connecting to SL SPC / Softscope
- infoTOUCH : access control & tool memory
- Display : Graphical dot matrix LCD
- Power supply : 110 - 240 VAC, 50 / 60Hz, 15Watts
- Size (LxWxH): 215mm x 157mm x 75mm
- Weight : 1.2kg
- Specification is subject to change without notice

Mechtrix Corporation
 W147 N9461 Held Drive
 Menomonee Falls, WI 53051
 Tel (262) 255-6555
 Fax (262) 255-2628
<http://www.mechtrix.com>

**QUALITY CONTROL AT
 YOUR FINGERTIPS**