

PURPOSE & FUNCTION

The crimp monitor analyzes the force signature for every crimp produced. The capability of the crimp monitor to differentiate good crimps from defective crimps is influenced by the materials being crimped (terminals and wire), and the setup. The crimp headroom is a commonly used simple measurement that is an indicator of the crimp monitor capability.

The CrimpAbility software tool is a product that certifies the crimp monitor capability to detect crimp defects for specific terminal and wire combinations.

Validation of the crimp monitor capability prior to releasing the system to production ensures that the crimp monitor will reliably detect crimp defects on the production floor without generating false rejects and unnecessary scrap material.

HIGHLIGHTS

- Validate crimp monitor performance before releasing to production.
- Benchmark the crimp monitor capability for all terminal wire combinations.
- Supports crimp monitor parameter optimization for challenging crimping applications.
- Reports generated in three different formats distribution chart, scatter plot, and raw data.
- Report selection Peak Force and OES CDA algorithm.
- Reports optionally converted to PDF format.
- Crimp monitor raw data saved for future reference.
- Confi gurable sample sizes.
- Intuitive step-by-step user friendly CrimpAbility software tool.







- Make Good Crimps
- Make Empty Crimps
- Make Missing-Strand Cri
- Make Insulation Crimps
- Create Report

Complies with the German Automotive OEM Connector test specifi cation LV 214-4.

CRIMPABILITY





About OES Technologies



OES Technologies products and technologies are developed specifically for the wire processing industry to monitor and inspect 100% of parts produced during the manufacturing process, and prevent part defects from entering the supply chain. OES's dedication to innovation enables them to deliver a steady stream of cutting-edge technologies that meet the exacting demands of this ever-changing market.