

Crimp Force Monitor "CFA" – general info



The development team at Circuitmaster Designs spent thousands of hours developing, testing and trialing the CFA1000 before finally giving it the green light. Helped by some of the industry's leading companies, the CFA1000 is claimed as a breakthrough by delighted purchasers and leading engineers.

Flexible machine integration means that the CFA can be fitted to a wide range of automatic Processing machines and is retrofittable to all crimp presses thus protecting your investment for the future. It is also suitable for use with all crimp applicators. The CFA will reduce machine downtime and production costs by increasing process throughput and quality. CFA1000 guarantees 100% on line testing with no production rate impact and its easy intuitive interface reduces your training costs. The CFA will give guidance to novice press operators to achieve consistently high results. The CFA1000 will alert you to process changes which will eradicate costly tool breakages. It is an extremely powerful tool for your own sales department. Many of the larger wire harness procurers are now insisting on crimp force analysis. It is only a matter of time before we see this trend throughout the entire market.

Designed to cope with the harsh manufacturing environment, the CFA1000 will detect all common termination problems: -

- Missing/Bent wire strands
- Incorrect insulation crimp
- Strands outside the main crimp
- Insulation in the main crimp
- Insulation crimp fault
- Crimp misfeed
- Incorrect wire use

The advanced three zone algorithm provides detailed process analysis whilst the Graphical Control Panel allows online viewing of the force curve in real time aiding fault diagnosis. LED indicators provide a quick visual indication of the crimp result.

For more information please contact our sales department.
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