

# G3 CRIMP FORCE ANALYSER

Our entry level Crimp Force Analyser is a standalone model providing you with complete quality control of every crimp produced.



## > Quality Control on Every Crimp

The new G3 provides a very stable and reliable force monitoring system that can be used on all production presses. The CFA will alert operators to a suspected bad crimp by an audible alert and by stopping and blocking the press, thus reducing scrap.

## > High Powered Modern Processor

The 32-bit processor at the heart of the evaluation unit allows for automatic zone setting for optimum sensitivity.

## > In-line Sensor for High Sensitivity

Our in-line sensor enables accurate readings of each crimp produced. Installing the Force Sensor in the Ram of the press reduces false fails in production and achieves a reduction in waste.

## > Web Based Interface

Every G3 CFA has its own web server which allows users to view the production and system information of any CFA via a web enabled device, whether that may be a tablet, mobile phone or desktop.

## > Easy Intuitive User Interface

Easy to learn, multilingual, menu driven interface reduces training costs. Clear display shows current information including stored job set-ups and force curve.

## > Ram Encoder for Accuracy

The Ram Encoder eliminates false fails due to mains fluctuations affecting press speed. This filters out all press motor speed changes whilst still allowing accurate signature analysis to take place.

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## > Standard Equipment

- Evaluation Unit
- Ram Force Sensor
- Positional Encoder
- Power Supply

## > Technical Specifications

Repeatability	0.1%
Resolution	10 Newtons
Measurement Range	0 - 20kN
Operating Temperature	0 - 70C
Sensor Type	Piezoceramic
Unit Size	85 x 103 x 35mm
Power	9 - 24 DC
Evaluation Time	<20ms
Communication	TCPIP, HTTP and UDP