TT1000

Zoom image

Description

The TT 1000 Crimp Force Analyser is an on-line quality control system that checks and evaluates the force applied at any given crimping, identifying the crimpings that do not respect the parameters set by the operator. Easy and quick to be set up and intuitive to be used, the TT 1000 is a second generation Crimp Force Analyser, derived from the CMD CFA 1000 range but engineered specifically for the Mecal presses: together they provide the most cost effective solution on the market to the requirement for quality monitored wire termination.

Product highlights include the following:

Powerful 16 bit microprocessor allows faster evaluation or more complex algorithms

On line statistics capability including mean, std ev, cp and cpk analysis

Graphical Control Panel (GCP) allows on line viewing of force curves aiding fault diagnostics

Operator Menus in English, German, Italian, Spanish and Portuguese languages

Four digit alphanumeric password facility

Useful batch counter facility for bench top applications

Additional freely programmable I/O available

Technical Specifications

IT	**TT1000**
DIMENSION mm	**W125xH180xD58**
DIMENSION (")	**W4,92"xH7,08"xD2,28"**
WEIGHT	**1,9 Kg (4,22 lb)**
POWER SUPPLY	**18V da scheda pressa**
PULLING POWER MAX	**4400lb (2000Kg) e 17600lb (8000 Kg)**

Non-volatile terminal batch buffer holds the RUO results of the last 1000 terminations

Rugged high quality enclosure

Software upgrades can be easily installed to the CFA in the field

The system is composed by four main components:

the CPU (*Central Processing Unit*), containing the processor that elaborates the collected data

the GCP (*Grafic Control Pannel*), the visual interface with the operator, fitted with a LCD screen (resolution 64 x 128 pixel) and the JOG control to easily choose the desired menu

the piezoelectric transducer, that turns the applied crimping force into an electric signal sent to the CPU

the *encoder* that let the CPU always know position, speed and direction of the press crankshaft