CPA PRO

quality tools

komax

CRIMP PRESS ANALYZER SIMPLE TO USE, FAST & RELIABLE

CPA PRO

The CPA PRO is a premium crimp force analyzer that is compact and easy to operate. It is able to provide quick and accurate checks on the performance of crimping machines without the need to connect to a PC. The CPA PRO is able to analyze and store up to 20 sets of data locally for easy access.

Premium quality, easy to use
– Real time graphical display for CPK index and standard deviation for both shut height and force.
– Works without the need of an additional PC.
– Compact, portable, easy to operate.

Easy tool for periodic preventive maintenance of crimp press
– Easy report generation directly on manufacturing floor.
– Storage of up to 20 press data.
– Analyze data without PC software.
– Display shut height and pre-loaded force directly on LCD.

User friendly design with great quality assurance
– Detachable electronic unit for greater convenience when used on fully automatic machines with safety covers on.
– Timer and cycle counter for automatic firing of press (Ideal for press manufacturers).

Technical Specifications

Height Sensor

Measuring Range	0.300 mm
Resolution	1 µm
Accurancy	< 5 µm margin of error

Force Sensor

Measuring Range	22 kN
Resolution	0.34 N or 16 bits ADC system
Accurancy	< 2% margin of error

Callibration Information

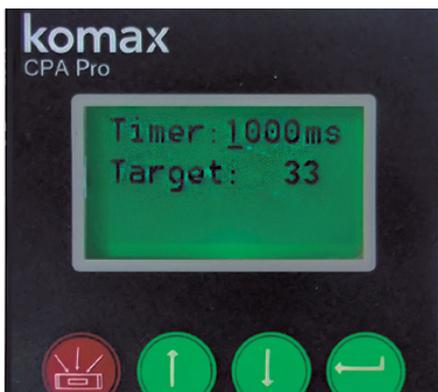|	
Pre-Load	4 kN - 1 kN (adjustable)
Shut Height	135.780 mm

System

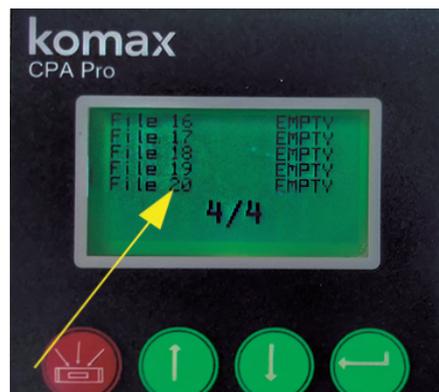|	
Device Interface	External ICP force sensor input RS232 for connecting a PC with CPA software TCP/IP for connecting a PC with CPA software- Relay output NO/NC for external triggering of- crimper
Device Power	24 V DC, 15 W

Dimension and Weight

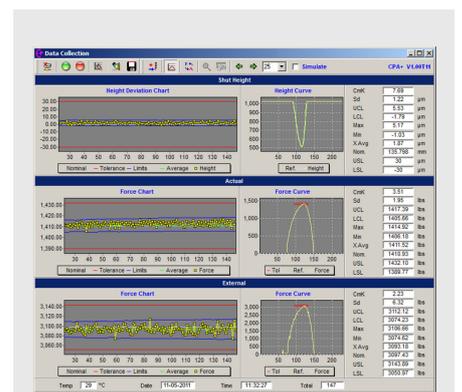|	
Device Weight	6 kg
Device Dimensions	260 × 140 × 120 mm (10.2 × 5.5 × 4.7 in)

01
Detachable electronic unit for greater convenience when used on a fully automated machine
02
Timer and cycle counter for automatic firing of press
03
Storage of up to 20 crimper analysis data without PC
04
Comprehensive analysis with PC software

01

02

03

04

Komax – leading the field now and in the future

As a pioneer and market leader in the field of automated wire processing, Komax provides its customers with innovative and sustainable solutions for any situation that calls for precise contact connections. Komax manufactures series and customer-specific machinery for various industries, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent networking solutions complete the portfolio, and ensure safe and efficient production.

Komax is a globally active Swiss company with development and production facilities on several continents. Komax uses its extensive distribution and service network, which includes local companies and their employees, to support customers across the world on site, thus ensuring the availability and value of their investments after equipment commissioning through standardized service processes.

Market segments

Komax offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.

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