

# CRIMP FORCE ANALYSER – (SP – 3)

## Sai Paradise Machine Tools



### Overview

The new SP-3 provides a very stable and reliable force monitoring system that can be used on all the crimping presses.

The CFA will alert operators to a suspected bad crimp by an audible alert and by stopping and blocking the press, thus reducing the scrap.

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

### Features

1. In-line sensor enables accurate reading of each crimp produced
2. Clear display shows current info including stores jog set-ups and force curve
3. Installing the force sensor in the ram of the press reduces false fails in production and achieves a reduction in waste
4. The ram encoder eliminates false fails due to main functions affecting press speed
5. This filters out all press motor speed changes whilst still allowing accurate signature analysis to take place

### Applications

It is used in Wire harness industries, Automobile industries, Home appliance industries, Control panel manufacturing industries.

## Technical Details

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Operating interphase	Push Button
Sensor Type	Piezoceramic
Repeatability	0.10%
Resolution	0-20 kn
Operating Temperature	0-70°C
Unit Size	85 x 103 x 35 mm
Power	9-24 DC
Evaluation Time	<20ms
Communication	TCPIP, HTTP and UDP