CAL5000 - PRESS ANALYSIS TOOL KIT
For bench presses and automatic machines

OES TECHNOLOGIES

Calibrates your Press and CFMs

Detailed Press Calibration

- Provides comprehensive press performance reports, displayed or printed in a selection of formats (trend, histogram, data)
- Yields a CPK computation and standard deviation for both press shut height and force
- Analyzes the press shut height and force variation, and stability for selected load conditions
- An effective tool for
- diag-nosis of the press capability under various dynamic conditions – warm up, different loads, cycle speeds, etc.

Complete Tool Kit

- Includes Examiner unit, CAL5000 load simulator and carrying case. The load simulator incorporates the necessary force and shut height position sensors.

Universal Application

- Designed for use with all crimp press models
- Language configurable

Calibrate your CFM

- Interconnects with all models of OES's ForceWorx and ForceView product lines including CFM1000, CFM2103, CFM4103, CFM4203 and the CPM5000.

Shut Height Adjustment

- The Examiner leads the oper-ator through a procedure to precisely adjust the press shut height to 135.78mm or 119.7 mm under dynamic load conditions

Simple Connectivity

- Ethernet connection to interface with plant network

Press Maintenance

- Performing scheduled press calibration removes any question regarding press performance or capability Operators can
- validate press performance following maintenance to confirm capability within preestablished CPK guidelines
- Benchmark press models for relative performance and capability

Quality Control Initiatives

- Multiple press cycles under simulated load will clearly reveal the capability of the press to deliver repeatable force and shut height
- Supports calibration of the CFM in support of plant QMS systems
- Traceability – press capability reports stored or optionally exported in a format compat-ible with printed hardcopy
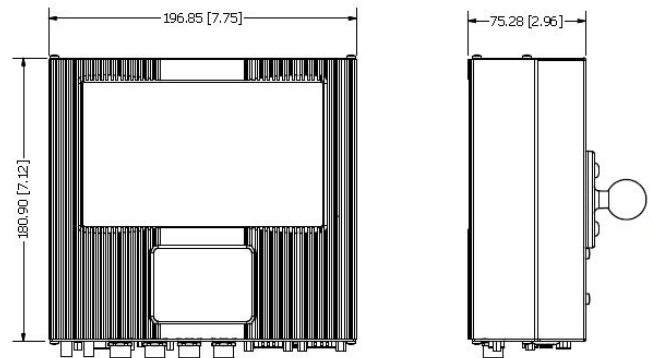
FORCEWorx®

Quick Facts

FORCEView

ForceView is powerful graphical user interface software for monitoring the crimping process relative to the crimp process tolerance limit.

Data from each crimp is captured for 100% traceability. Configuration parameters are automatically loaded using the part number selection feature. ForceView integrates seamlessly with the machine production management software.

MODEL	APPLICATION
CAL5000	Bench Press Automatic Machine
TECHNICAL SPECIFICATION	
Operating environment	15 to 50C 60 to 120F
Supply voltage	24VDC ext. adapter 100-240VAC, 50-60Hz, 1.0A
Communications	Ethernet USB RS232
Force	880N to 8.8kN 0.22N resolution
Displacement	+/- 1mm, 1.0um resolution
Display	Color Graphic touch screen & mouse pad
Dimensions	480 x 380 x 180mm 7.28" x 7.80" x 2.75"

About OES Technologies

OES Technologies products and technologies are developed specifically for the wire processing industry to monitor and inspect 100% of parts produced during the manufacturing process, and prevent part defects from entering the supply chain. OES's dedication to innovation enables them to deliver a steady stream of cutting-edge technologies that meet the exacting demands of this ever-changing market.

OES
TECHNOLOGIES