

Comprehensive Press Analysis Tool Kit

Validate the capability of your crimp presses to dynamically deliver repeatable shut height, and peak force

Examiner™ Kit



Crimp Force Monitoring



Monitoring your wire crimping process and knowing when manufacturing conditions are changing is critical in detecting errors, and eliminating unnecessary scrap.



Calibrates your press and your CFM's!

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 diagnosis 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, CFM2100, CFM4100, CFM4200 and the CPM5000

Shut Height Adjustment

- The *Examiner* leads the operator through a procedure to precisely adjust the press shut height to 135.78mm under dynamic load conditions

Simple Connectivity

- Ethernet connection with optional WIFI for optional 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 pre-established 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 compatible with printed hardcopy



Examiner™ Kit

Machine Applications	
Bench Press - OEM	✓
Bench Press - Retrofit	✓
Automatic Press - OEM	✓
Automatic Press - Retrofit	✓

User Interface	Color Graphic touch screen & mouse pad
Language	Configurable
Force	880N to 8.8kN, 0.22N resolution
Displacement	+/- 1mm, 1.0um resolution
Voltage Supply	100-140VAC (50-60Hz)
Ethernet	Yes
WiFi	Yes (Optional)
Dimension	480 X 380 X 180mm
Weight	10kg

Crimp Force Monitors

The *Examiner* calibrates OES's complete line of CFMs.

FORCEWorx



FORCEView



Examiner Kit typically includes:

- Examiner Unit
- Press calibration software
- Mini Keyboard
- CAL5000 Load Simulator
- Connecting cables
- Shipping / carrying case
- User Manual

About OES Technologies

Since 1979, OES has provided world-leading manufacturers with process monitoring and control solutions. OES's powerful wire crimp analysis technology is made available across their *ForceView* and *ForceWorx* product lines. The *Exceed QPM* System, along with their *WireScan* Inspection Systems, empowers wire processors with 100% verification and traceability of their complete production cycle. OES also offers *SenFit* sensors for small gauge wire crimping, *WireChop* to destroy defective parts and the *Examiner* Kit for complete press analysis.



4056 Blakie Road, London, ON N6L 1P7
Phone: 519-652-5833
Email: technologies@oes-inc.com

www.oestechnologies.com

Product specifications and related information subject to change without notice.

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