

# 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

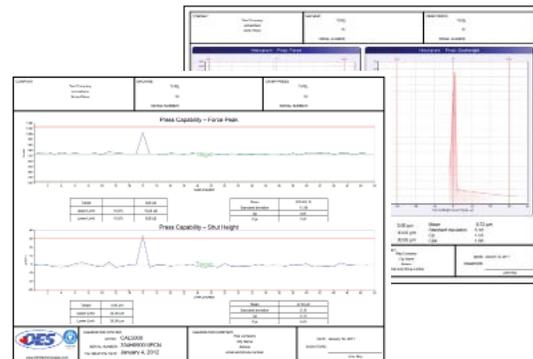
## Crimp Force Monitors

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](mailto:technologies@oes-inc.com)