

## 90061

### WELD PROBE FORCE GAGE

Model 90061 is a self contained, portable measurement system which allows auditing of the pinch force generated between the electrodes of resistance spot welders. Resistance welding uses a pair of electrodes to clamp two base metals firmly together prior to and during application of electrical current. Poorly clamped parts result in a defective joint. A correctly clamped assembly aids in reducing the resistance in the joint and allows the current flow to properly heat the base metals to weld the part.

### SPECIFICATIONS

Capacity (lbs) ..... 300, 1K, 3K, 5K, 10K  
 Overload capacity ..... 150% of F.S.  
 Display ..... 4 digits standard  
 Accuracy ..... 0.5% of F.S.  
 Weight..... 4.0 lbs  
 Battery life..... 50 hours continuous use  
 Battery type..... AA size alkaline  
 Analog output..... 0 to 1 V dc



### FEATURES

- Rotating and pivoting beryllium copper sensor head for optimum assessability
- Single button operation
- Optional two-piece construction

### CUSTOM DESIGNS:

- Projection tip sensing element.

