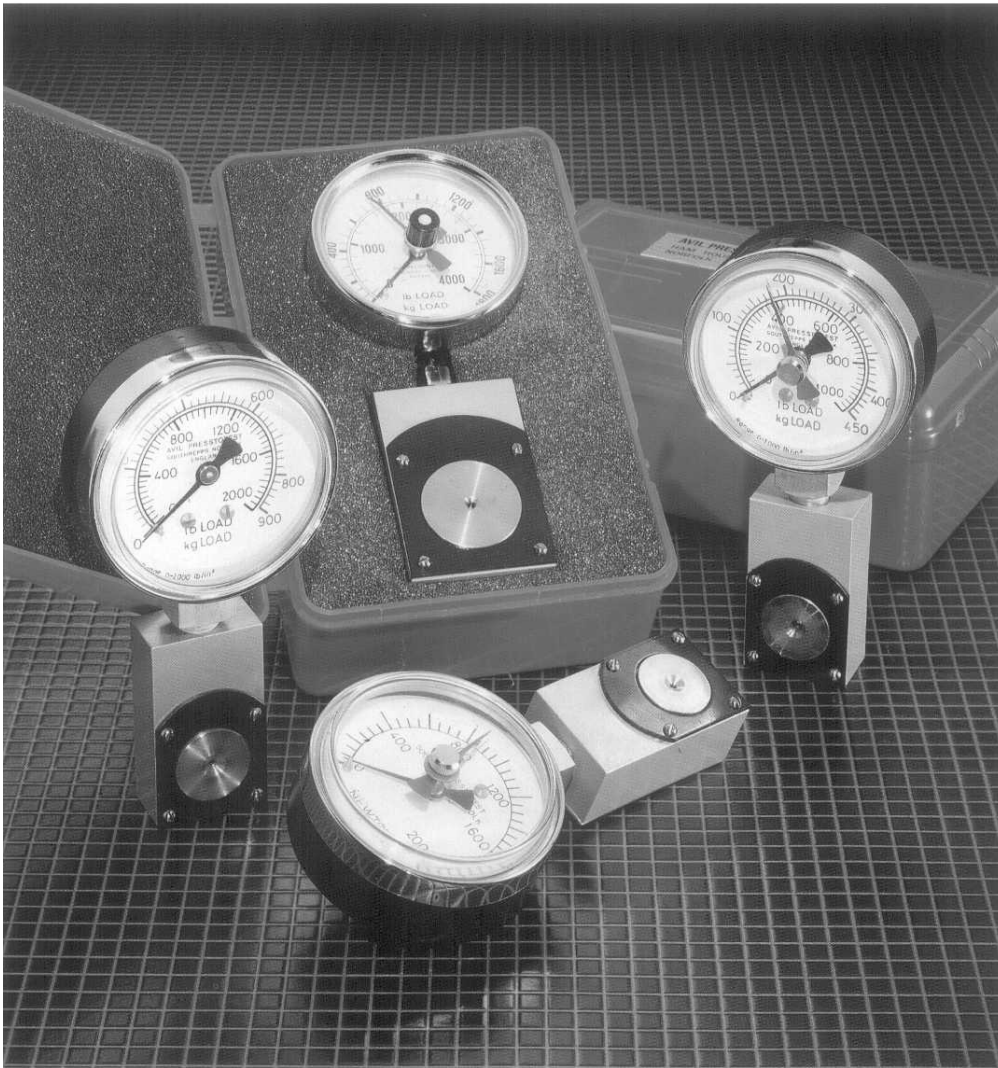


## Resistance Welder Pressure Recorder



The production of a satisfactory resistance weld is dependent upon four variables, the surface condition of the metal being welded, the current setting of the welding machine, the duration of the welding cycle and the pressure developed between the welding electrodes. The surface condition of the metal can be controlled by suitable preparation prior to welding. Most resistance welding machines are fitted with current or heat controls and suitable time controls. Apart from pneumatically operated welders, no machines are fitted with any recording unit to measure the pressure between the electrodes. The 'PRESSTOTEST' Recorder has been designed and developed to measure this pressure.

This small tool is held in one hand between the tips of the welder, resting on the bottom tip. The centre of the plunger should be underneath the top tip. When the tips are brought together by means of the foot pedal on the machine the pressure developed will be shown on the Recorder dial in pounds, kilos or Newtons depending on the model being used.

The latest model Presstotests now have insulation over the whole of the back of the load cell. This should prevent damage to the instrument in the event of it being used with the welding current switched on. It is however recommended that the welding current be switched off while pressure readings are being taken.