

美国SDI压力监测仪90061

产品名称	美国SDI压力监测仪90061
公司名称	广州市奔途尔商贸有限公司
价格	面议
规格参数	
公司地址	广州市白云区白云大道北路1392号221室
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产品详情

general description:

this instrument is used for measuring the peak force of a spot welder. the top of the handle has one switch that is used to turn the instrument on and to reset the display to zero. the three plugs on the handle are removed to access the shunt calibration switch, analog output and the adjustment potentiometer.

the standard full scale ranges of the sensor are 300, 1000, 3000, 5000 and 10,000 pound capacity. an optional kilogram display is available if specified by the customer. the instrument features an automatic shut-off (in track mode only) after approximately 75 seconds. there are 6 standard aa-size batteries which power the unit and will provide approximately 50 hours of continuous use. a built-in low battery indicator fades the right-most display digit.

operating procedures:

1. if possible, turn off current supply to weld electrodes. (new aluminum head system contains insulated inserts to prevent current flow if this step is omitted.)
2. adjust the screw to a snug fit so the probe head will move (if necessary) to align itself perpendicular to the force applied.
3. depress the on/reset button to activate the probe, depress it again to clear the lcd.
4. insert the probe head between the electrodes using care to line up the contact points of the electrodes with the probe head.
5. activate the electrode.
6. deactivate the electrodes and remove the probe.
7. clamp force displayed in units as shown on calibration label of sensing element.
8. for additional measurements, clear the display before applying force.

calibration adjustment: the unit has an auto-zero circuit incorporated to null any initial offset, providing a true applied force measurement. the shunt calibration can be applied by removing the right plug from the handle and pressing the switch with a screwdriver. the value of the shunt calibration will be displayed on the lcd. removing the left plug will allow access to the adjustment potentiometer.

battery: the units digit of the display will blank out when the batteries are low on the standard weld probe. battery replacement requires six (6) aa-size alkaline batteries. to remove the batteries, unfasten the #6 socket head cap screw and washer located in the recessed threaded cavity of the end cap as shown in figure 1. the batteries should then be inserted according to the polarity indicated on the removable end cap. the polarity shown indicates the orientation of the battery with respect to the end cap. refasten the end cap to the handle without over-tightening the screw and washer.