

## 3020 SERIES



- For easy and accurate measurement of electrode force on spot welding equipment
- To check the force acting on the electrodes, the force transducer is held between the electrodes. The concave surfaces center the force transducer. When the welding electrodes come together, the magnitude of the applied force can be read on the display unit
- Kit includes force transducer, a hand-held display unit, plastic carrying case, charger, 2 meter signal cable and Manufacturer's Test Certificate
- Rugged, lightweight 13 lb. design
- Features a max/min value memory, a large illuminated display, and electrode diameters of 14-20 mm
- The force transducer's shear force construction makes it insensitive to transverse forces and torques
- Measuring range of 0 kN to 10 kN
- Output signal is connected to the hand-held display unit via a cable
- Display unit carries the voltage supply for the transducer; optionally the supply can be taken from a PLC
- Sensor is laser-welded, giving it all the advantages of the conventional bonded foil strain gauges, but without having their substantial disadvantages (temperature drifts due to the glue and creeping)

### APPLICATIONS

- Measurement of spot welding electrode force

#### Weld Force Test Kit includes:

- Plastic carrying case
- Hand-held display unit
- Force transducer
- Charger
- 2 meter signal cable
- Manufacturer's Test Certificate

### SPECIFICATIONS

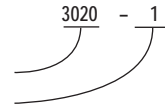
Load range	Up to 10 kN (Additional measuring ranges available)
Accuracy	<0.5%
Display unit	LCD - display, 5-digit, illuminated
Additional display functions	MIN, MAX, HOLD, AVG, TARE, LGT
Battery life	8 hours (rechargeable battery)
Service temperature range	-4 °F to 140 °F
Environmental protection	Force transducer IP67, Display unit IP40
Case dimensions	17.5" x 6.5" x 13.8"
Weight	Approximately 13 lb.

ORDERING INFORMATION		
SERIES	3020	
OPTIONS	0 No options	1 Infrared interface

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

Series ..... 3020  
 Option.....Infrared interface



## Weld Force Test Kit

