

## Order Code : F21-Welder60 Thermocouple Spot Welder

*Designed for commercial grade thermocouple junctions, and for users of large numbers of exposed junction thermocouples such as test and development laboratories where multipoint temperature sensing of test pieces is required.*

*No special skills are needed and most people will be capable of producing quality work with minimal practice. The instrument can be operated via the front panel or by using the footswitch provided.*

*In addition to thermocouple work, the L60+ welder is used in many other applications involving the joining of wires to each other and to metal surfaces.*

*This model is suitable for welding wires up to 1.1mm diameter and has an argon gas shield facility.*

*A satisfactory thermocouple junction is produced without using argon, but where argon is available a momentary purge is automatically triggered immediately prior to the weld to give optimum weld integrity.*



### Standard Accessories

- ✓ Wire Holding Pliers & Lead
- ✓ Safety Glasses
- ✓ Magnifying Eyeglass
- ✓ Carbon Electrodes
- ✓ Spare 2A fuse
- ✓ Argon Hose
- ✓ Mains Lead
- ✓ Footswitch for greater ease of use

### Optional Accessories

- ✓ Spare Carbon Electrodes

### Specifications

#### General

Energy Output	0 – 60 Joules
Welding Capacity	Wires up to 1.1mm diameter
Duty Cycle	Minimum 5 – 10 welds/min

#### Mechanical

Physical Dimensions	220mm Wide x 120mm High x 250mm Depth
Weight	4 kg

#### Electrical

Power Supply	110 – 120 Vac or 220-250 Vac, 50 – 60Hz
Power Consumption	Max 170VA dropping to 20VA during charging