



Burco KST-9 & KST-10 Capacitor Discharge Stud Welders

Capacitor Discharge Stud Welder

1/4" capacity; 3/8" MAX

The KST-9 & KST-10 models replace the KST-D-6 and provide a wide range of improvements...

- More power (up to 88,000 Mfd. vs. 48,000 MFD)
- Lighter weight (24 lbs. vs. 41 lbs.)
- Faster (6/8 pieces per min. vs. 4/5 pieces per min.)
- Full microprocessor (with self-diagnosis fault codes)
- 16 ft. stud gun vs. 10 ft.
- Optional nose piece (for templating and less noise)
- Smaller (only 12" high)
- HD gun connectors/quick disconnect
- Gun has adjustable spring rate (old gun was fixed)
- Increased protection circuits
- Quick change chuck (takes 10 sec. vs. 2 min.)



Important Features

- Portable / lightweight design
- Digital voltage meter / easy reference
- Full microprocessor electronic control
- Safety sensing circuit
- Unique gun design allows positioning without template
- Continuously adjustable charge voltage
- Contact or gap / weld processes
- Operates on low current / 110 volt circuit

S P E C I F I C A T I O N S

BURCO/KOCO GUNS	ESP-10K	ESP-10S
Method	Contact	Gap
Weldable stud range	Gauge to 1/4"	Gauge to 3/8"
Gun cable, length	16 feet	
Body	Glass fiber reinforced polyamide	
Basic length of gun	6.89"	7.48"
Basic weight of gun (excluding cables)	1.32 lbs.	1.76 lbs.
POWER CONTROL UNIT	KST-9	KST-10
Weldable stud range	GA. to 1/4" diameter	GA. to 3/8" diameter
Weld rate	12 / 30 pieces / minute	
Capacitance	66,000 microfarad	88,000 microfarad
Charging voltage	35 - 190 VDC	
Input voltage	115V, 1PH, 60Hz	
Power Cable, Length	8 feet	
Enclosure	Galvanized / Painted	
Dimensions	16.3" X 8.8" X 12"	
Weight	22 lbs.	26 lbs.