

# 110 Volt - CAPACITOR DISCHARGE STUD WELDERS

## Capacitor Discharge Stud Welder

1/4" capacity; 3/8" MAX



- 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
- Welding cable quick connects
- Quick change (10 second) chuck
- Adjustable spring rate
- Operates on low current / 110 volt circuit



### Ordering information:

| Part No.       | Price Ea          | Description  |
|----------------|-------------------|--|
| <b>KST9</b>    | <b>\$3,465.00</b> | Complete BURCO KST9 CD Welding Package Includes:<br>Power control unit ESP10K Stud Gun w/16' cable leads. Ground Clamp Package, Tool kit Manual  |
| <b>KST910</b>  | <b>\$3,725.00</b> | Same as Above but with ESP10S Gun  |
| <b>KST1010</b> | <b>\$3,998.80</b> | Complete BURCO KST10 CD Welding Package Includes:<br>Power control unit ESP10S Stud Gun w/16' cable leads. Ground Clamp Package, Tool kit Manual |



### SPECIFICATIONS

| POWER CONTROL UNIT  | KST-9P                  | KST-10P                |
|---------------------|-------------------------|------------------------|
| Weldable stud range | Gauge to 1/4" diameter  | Gauge 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                 |

### BURCO/KOCO GUNS

|                     | ESP10K                           | ESP10S        |
|---------------------|----------------------------------|---------------|
| 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 | 1.32 lbs                         | 1.76 lbs      |

Use The ESP10S Gap Gun When You Need To Shoot Aluminum Studs. Works Great With Steel & Stainless Too.

| PART NUMBER | PRICE       | Old ESP 6 & 9 Gun Parts            |
|-------------|-------------|------------------------------------|
| 50F24       | \$24.95 EA  | C.D. Adjustable Chuck #4           |
| 50F25       | \$24.95 EA  | C.D. Adjustable Chuck #6           |
| 50F26       | \$24.95 EA  | C.D. Adjustable Chuck #8           |
| 50F27       | \$24.95 EA  | C.D. Adjustable Chuck #10          |
| 50F28       | \$24.95 EA  | C.D. Adjustable Chuck 1/4"         |
| 50F29       | \$24.95 EA  | C.D. Adjustable Chuck 5/16"        |
| 50F30       | \$24.95 EA  | C.D. Adjustable Chuck 3/8"         |
| 50F33       | \$65.00 EA  | Insul-Pin Chuck 12 GA              |
| 50F39       | \$65.00 EA  | Insul-Pin Chuck 10 GA              |
| 50F48       | \$195.00 EA | 8", Chuck, 10 GA CD Insulation Pin |
| 50F49       | \$208.00 EA | 10", Chuck, long pin               |
| 50F50       | \$220.00 EA | 12", Chuck, long pin               |
| 50F38       | \$45.95 EA  | Insul-Pin Chuck (Dia. .079)        |
| 50F22       | \$55.00 EA  | Supporting Feet (3)                |
| 50F23       | \$15.00 EA  | Chuck Locking Nut (Spare)          |

| PART NUMBER | PRICE    | New Quick Change Gun Parts ESP10K & ESP10S |
|-------------|----------|--|
| 351-6200    | \$22.95  | C.D. Adjustable Chuck #4                   |
| 351-6201    | \$22.95  | C.D. Adjustable Chuck #6                   |
| 351-6202    | \$22.95  | C.D. Adjustable Chuck #8                   |
| 351-6203    | \$22.95  | C.D. Adjustable Chuck #10                  |
| 351-6206    | \$22.95  | C.D. Adjustable Chuck 1/4"                 |
| 351-6207    | \$22.95  | C.D. Adjustable Chuck 5/16"                |
| 351-6208    | \$22.95  | C.D. Adjustable Chuck 3/8"                 |
| 351-6162    | \$37.95  | C.D. Magnetic Chuck 1-1/2"                 |
| 351-7056    | \$30.95  | C.D. Insulation Pin #8*                    |
| 351-7054    | \$30.95  | C.D. Insulation Pin #10*                   |
| 320-0515    | \$28.95  | C.D. Clamping Sleeve #8 For *Ins. Pins     |
| 320-0514    | \$28.95  | C.D. Clamping Sleeve #10 For *Ins. Pins    |
| 370-0364    | \$24.95  | Supporting Feet (3 required)               |
| 370-0327    | \$59.25  | Centering Tube                             |
| 370-0365    | \$37.95  | Face Plate                                 |
| 351-0053    | \$38.95  | Space Ring                                 |
| 351-0044    | \$107.85 | Angle Expositor                            |