

## THREE PHASE RESISTANCE WELDING CONTROLLER MODEL 302C

### STANDARD FEATURES

- 3 PHASE FREQUENCY CONVERTER &
- 3 PHASE RECTIFIED D.C.
- SPOT WELD-SEAM WELD-ROLLSPOT WELD
- FULLY PROGRAMMABLE 16 WELD SCHEDULES
- PULSATING HEAT CONTROL
- PROGRAMMABLE FORGE CONTROL
- PROGRAMMABLE WELD PSI
- PROGRAMMABLE FORGE PSI
- PROGRAMMABLE HI-LOW LIMIT WELD PSI
- PROGRAMMABLE HI-LOW LIMIT FORGE PSI
- PROGRAMMABLE MOTOR SPEED
- PROGRAMMABLE FIRST SPOT HEAT % IN SEAM
- INTERMITTENT DRIVE MOTOR ON/OFF CONTROL
- 5 YEARS MEMORY RETENTION WITHOUT POWER
- SCANNER INTERLOCK
- RS2321INTERFACE
- SET MAXIMUM ÷ IMPULSES ÷ HEAT TIME AND HEAT DECAY TIME

### PERFORMANCE

- ABSOLUTE REPEATABILITY
- QUARTZ CRYSTAL ACCURACY
- SPACE AGE DESIGN AND RUGGED CONSTRUCTION



SEEDORFF ACME Corporation, Anaheim, CA  
CALL TOLL FREE 866-RES-WELD (737-9353)  
[www.seedorffwelders.com](http://www.seedorffwelders.com)

## SPECIFICATIONS

- Input power: 200 vac to 480 vac 60 hz
- AC output to valves: 115 vac 150 va
- Solid state contactors available in ranges from 300 amps to 3200 amps.
- Ignition firing module to fire ignitrons size a through e.
- Solid state relay to operate squeeze valve in spot-seam-rollspot mode.
- Solid state relay to turn on motor or air brake in seam or rollspot mode.
- Dual pilot air pressure regulator
- Dual air volume booster 150 CFM
- DC motor controller 0 - 90 V or 0 - 180 V .5 HP to 2 HP
- Retraction and two stage foot switch input.
- Floating input/output to central interlock scanner.
- Visual peripheral diagnostics.
- RS232 connector to upload and download weld schedules to lap top
- Remote control box model 325A with the following switches:
  - Repeat; weld; tip dress; positive - alternate - negative polarity; seam-spot-roll; next weld schedule (quick selection between 2 weld schedules); program lock key; one of sixteen weld schedule selector switch.
- Timing functions:
 

Tip travel time	00-99	Heat time	00-99	Weld PSI	00-99
Precompression time	00-99	Heat %	00-99	Forge PSI	00-99
Squeeze time	00-99	Heat decay time	00-99	Motor speed	00-99
Impulses	00-99	Heat decay %	00-99	1st spot in seam	00-99
Cool time	00-99	Hold time	00-99		
Forge Delay time	00-99	Off time	00-99		
- Operating temperature 0-50 degrees centigrade
- Cabinet dimensions: 14"h x 14"w x B"d.

