

SINGLE PHASE RESISTANCE WELDING CONTROLLER MODEL 105

FEATURES

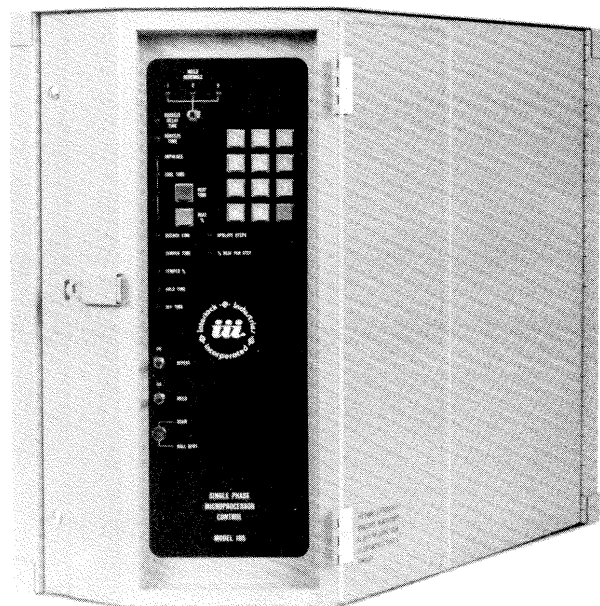
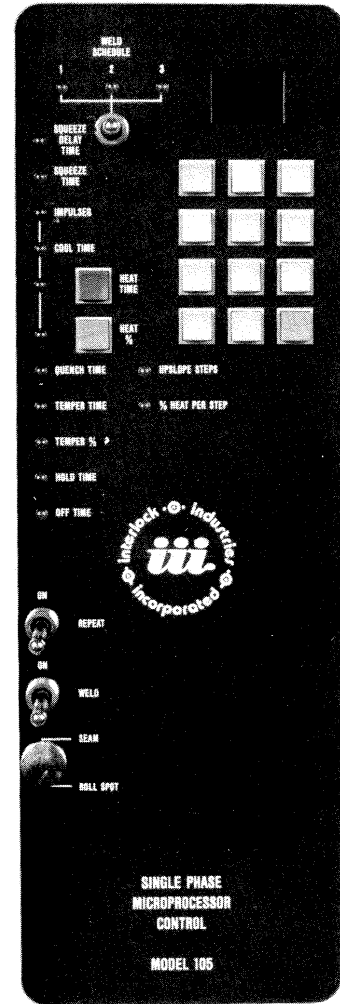
- SPOT WELD - SEAM WELD - ROLL SPOT WELD - BUTT WELD
- CASCADE 3 GUNS WITH CLAMP OUTPUT
- CASCADE 3 WELDING TRANSFORMERS
- FULLY PROGRAMMABLE TRIPLE WELD SCHEDULES
- SINGLE - DUAL - TRIPLE FOOT SWITCH CONTROL
- 87 DEGREE FIRE LIMIT CONTROL FIRST CYCLE
- AUTOMATIC POWER FACTOR CONTROL
- WATER COOLED CONTACTOR OVER TEMPERATURE SHUT DOWN
- PULSATING HEAT CONTROL
- ONE TIME SQUEEZE DELAY IN REPEAT
- UPSLOPE HEAT CONTROL
- TEMPER HEAT CONTROL
- INTERMITTENT DRIVE MOTOR ON/OFF CONTROL
- CONVERSION TO MODEL 106 STEPPER HEAT CONTROL
- **105F** CONTROLLER WITH **FORGE DELAY START**
- **105AP** CONTROLLER WITH 1/2 CYCLE ALTERNATE POLARITY

PERFORMANCE

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

SPECIFICATIONS

- INPUT POWER: 200 VAC TO 480 VAC 60 HZ.
- AC OUTPUT TO VALVES: 115 VAC 20 VA. EA.
- SOLID STATE CONTACTORS AVAILABLE IN RANGES FROM 300 AMPS TO 3000 AMPS
- IGNITRON FIRING MODULE TO FIRE IGNITRONS SIZE A THROUGH E
- SOLID STATE RELAYS TO OPERATE SQUEEZE VALVE IN SPOT - SEAM - ROLLSPOT - CASCADE - BUTT WELD
- SOLID STATE RELAYS TO OPERATE CLAMP, RETRACTION, TIP DRESS, UPSET VALVES
- SOLID STATE RELAY TO TURN ON MOTOR OR AIR BRAKE IN SEAM OR ROLLSPOT MODE
- FOOT SWITCH OUTPUT TO CASCADE NEXT CONTROLLER
- MODEL **105AB** 3 OF 6 WELD SCHEDULE SELECT (SPECIAL ORDER)



TIMING FUNCTIONS

WELD SCHEDULE 1 WELD SCHEDULE 2 • WELD SCHEDULE 3

• squeeze delay time	00-99
• squeeze time	00-99
• impulses	00-99
• cool time	00-99
• heat time	00-99
• heat %	00-99
• quench time	00-99
• temper time	00-99
• temper %	00-99
• hold time	01-99
• off time	00-99
• upslope steps	00-99
• upslope % heat per step	0.0-9.9

- OPERATING TEMPERATURE: 0 - 50 DEGREES CENTIGRADE
- CABINET DIMENSIONS: 16" h x 20" w x 9" d
- CONSULT FACTORY FOR CUSTOM WELD SCHEDULE REQUIREMENTS

SEEDORFF ACME Corporation, Anaheim, CA
CALL TOLL FREE 866-RES-WELD (737-9353)

www.seedorffwelders.com



MULTI GUN STEPPER/WELDER CONTROLLER MODEL 1000

- 99 STEP PROGRAM WITH (REPEAT STEP X TO STEP Y)
- 4-32 SHUTTLE VALVE RELAY OUTPUTS FOR MACHINE CONTROL
- 4-32 LIMIT SWITCH INPUTS WITH PROGRAMMABLE TIMERS
FROM 1-999 CYCLES TIME OR 1-999 SECONDS
- 4-32 GUN VALVE RELAY OUTPUTS
- 4-16 INDEPENDENT WELDING TRANSFORMER HEAT CONTROLLERS
- 32 HEAT CONTROL PROGRAMS WITH PULSATION AND SLOPE,
PROGRAMMABLE IN ANY STEP AND AT ANY WELDING
TRANSFORMER
- 1-6 AXIS MOTION CONTROL

- LINE VOLTAGE COMPENSATION WITH ON/OFF SWITCH
- 87° LIMIT ON FIRST CYCLE
- WELDING TRANSFORMER HEAT CONTROLS ARE ELECTRONICALLY SWITCHED TO PHASE A OR PHASE B OR PHASE C FOR OPTIMUM POWER LINE BALANCE
- DUAL ANTI TIE DOWN PALM BUTTON
- AUTO/MANUAL ALLOWS ONE STEP FUNCTION
- PROGRAM SECURITY UNDER KEY CONTROL
- HALT IN BETWEEN STEPS PALM BUTTON
- WELD SCHEDULE/STEP NO. DISPLAY
- DATA RETENTION WITH NO AC POWER
- OUTPUT FOR DATA STORAGE ON CASSETTE
- OUTPUT FOR WRITING PROGRAM ON PRINTER
- 1000 VA/110 VAC TRANSFORMER FOR VALVES SOLENOID CONTROL



SINGLE PHASE BENCH WELDER CONTROLLER MODEL 100



- 1-15 IMPULSES
- 1-15 COOL TIME
- 00-99 HEAT TIME
- ½ CYCLE ALTERNATE FIRING
- 00-99 HEAT % # 1
- 00-99 HEAT % # 2
- REPEAT OR ONE SPOT
- 75 AMP BUILT IN AIR COOLED CONTACTOR

10 STATION INTERTRON SCANNER MODEL 375

- INTERLOCKS ONE TO TEN WELDING MACHINES
- ENABLES ONLY ONE WELDER AT A TIME BY POLLING IN A SEQUENTIALLY WIRED SYSTEM
- OPTICALLY ISOLATED INPUTS
- DIRECT INTERFACE TO SINGLE AND 3 PHASE INTERLOCK INDUSTRIES INC. MADE WELDING CONTROLLERS
- RELAY CLOSURE CONTACTS INPUT AND OUTPUT FOR INTERFACE WITH OTHER TYPES WELDING CONTROLLERS
- POWER INPUT 110 VAC/30 VA

