

# ENTRON™

## Controls for Resistance Welding EN1501

### Constant Current Seam Welding Controls



- **Constant Current**  
Quick response algorithms use learned weld current characteristics to compensate for weld current changes.
- **Simple to Program**  
Push-buttons and a three-step procedure make easy work of programming any welding schedule.
- **Two Year Warranty**  
A two year warranty is offered on all ENTRON parts and assemblies. Expert phone support and application service are available at no cost.
- **Change Current “On the Fly”**  
While welding, change current “on the fly” with Manual Current Adjust (optional).
- **Direct Replacement for EN500**
- **Unique Design**  
Specifically designed for ALL types of seam welding, including roll spot.

#### Features

- Seam Sequence
- Preheat/Postheat
- Continuous/Intermittent
- Up/Down Slope
- Beat/Non-Beat Operation
- End of Sequence Output
- Optional Manual Current Adjust
- Hierarchical Initiation Structure

#### Capabilities

- 50 Unique Schedules
- Weld & Valve Control Relays
- One Valve Output
- Multiple Job Set-ups
- Easy to Program
- Program Only the Functions Required
- Spot/Roll Spot

#### Constant Current

- Primary or Secondary Sensing
- Two minute Set-Up Procedure
- No Transformer Turns Ratio Calculation Required
- Constant Current Program Modes:
  - Percent Current Steps
  - Secondary Current Kiloamperes Proportional to Maximum Current
- Range: 1,000 to 50,000 Secondary Amperes
- Current Monitor with Hi/Lo Limits

*Exclusive ENTRON two year warranty*

