Controls for Resistance Welding

EN1000
Cascade/Multi-Valve Controls

• **Functional Flexibility**
  Performs both Cascade and Multi-Valve operations. Store as many as 13 parameters in each of 100 unique schedules.

• **Simple to Program**
  Push buttons and a short three-step procedure make easy work of programming any possible welding schedule.

• **New Design Reduces Cost**
  Simplified design significantly reduces production costs which are passed on to you.

• **Quality Tested to Performance Extremes**
  Each unit is tested to its maximum capability to assure performance at customary operating levels. ENTRON – the only resistance welding controls with the excellent performance history.

### Features
- Spot Sequence
- Pulsation Sequence
- Up & Down Slope
- Quench/Temper
- Forge Delay
- Multiple Weld/Multiple Current Sequence
- Preheat/Postheat
- External Schedule Select
- Process & Error Outputs
- Seam Sequence

### Capabilities
- 100 Unique Schedules
- Chained & Successive Modes
- Repeat & Non-Repeat
- Weld & Valve Control Relays
- 8/16 Valve Output Available
- Multiple Weld Programming
- Multiple Job Set-Ups
- Easily Programmed
- Program Only the Functions Required
- Up to 8 SCRs

**Exclusive ENTRON two year warranty**
Advantages

• **Design Simplicity**
  Design simplicity is the key to our ability to manufacture the highest quality weld control with the best delivery, least maintenance, and lowest out-of-warranty service in the industry.

• **Field Expandable**
  ENTRON can provide retrofit controls suitable for any manufacturer’s controls of any age, type or sequence for installation in the field.

• **Vault Closing Door Mechanism**
  All cabinet doors equipped with vault locking mechanism to ensure security.

• **Flexible Applications**
  EN1000 Cascade/Multi-Valve Controls can be applied to mat welders, pass-through welders, special machines, robotic equipment for welding materials of unequal thickness and coated materials.

• **Multiple Cabinet Options**
  Available in D, T, L, H, G, U cabinet styles with front or side-mounted control panels.

Unique to ENTRON. All EN1000 Cascade/Multi-Valve Controls and cabinets feature provisions for field installation or change of circuit breakers.