



EN7000 Models 3 & 4

SINGLE PHASE AC Constant Current Control / Proportional Force Control for 50/60 Hz spot/projection welding applications.

FEATURES

- 3 Weld Intervals — Pre-heat + Weld + post heat
- Cascade / multivalve operation
- Up to 8 SCR and 8 main Valve (WAV) Outputs
- 7 auxiliary valves under program control
- 16 Inputs/ 16 Outputs (short circuit protected)
- Secondary or Primary Current Regulation
- Ethernet (2-Ports)
- RS232 Port
- RS485 Port
- Analog Port for Proportional Valve for Weld Force Control . Force profiling.
- Electrode Manager (Stepper Functions) for up to 8 electrodes.
- Current and force monitor.



MODEL 3

- Gear Plate Mount / Remote Mount.
- Pendant , Modbus , NetFlash Programming.

MODEL 4

- Panel mount.
- Touch Display, Pendant, Modbus, NetFlash Programming

Timing Parameters	Model 3 & 4
Presqueeze	✓
Squeeze	✓
Weld1	✓
Cool1	✓
Upslope	✓
Weld2	✓
Cool2	✓
Weld 3	✓
Cool 3	✓
Downslope	✓
Pulses	✓
Hold	✓
Off	✓

Control Features	Model 3 & 4
8 valve control	✓
Current monitors	✓
Force monitors	✓
Spot weld	✓
Cascade Welds	✓
MultiValve Welds	✓



Complete EN7000 Model 3 system, suitable for applications up to 150 kVA.



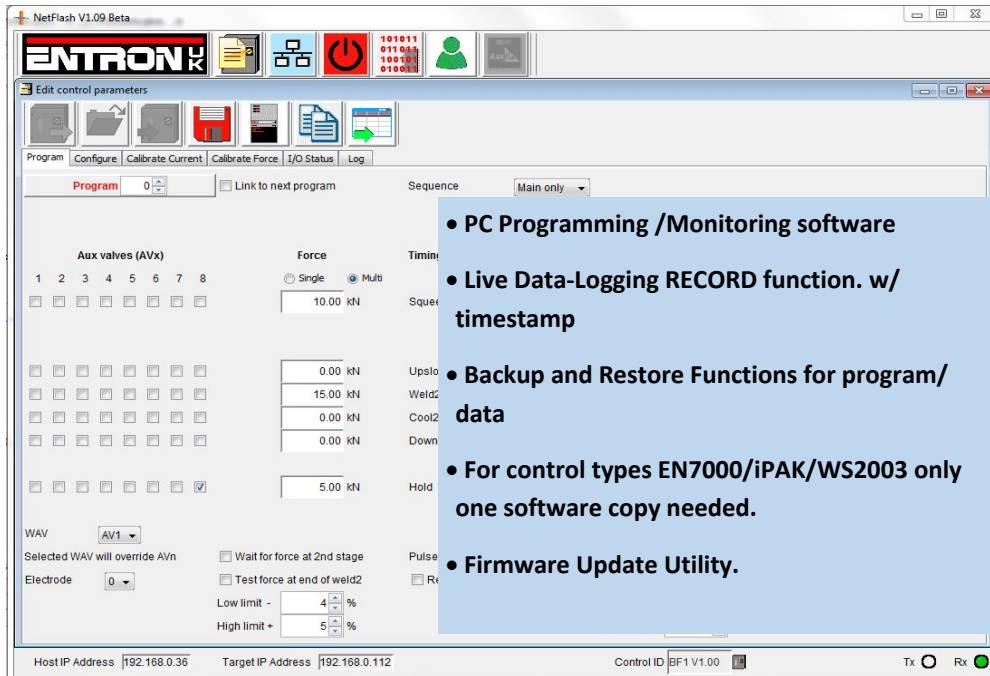
Complete EN7000 Model 4 system, suitable for applications up to 150 kVA.



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NetFlash PC Software for Ethernet

Easy to use Networked PC. Access iPAK WS2003, EN7000



WSP/3 Pendant

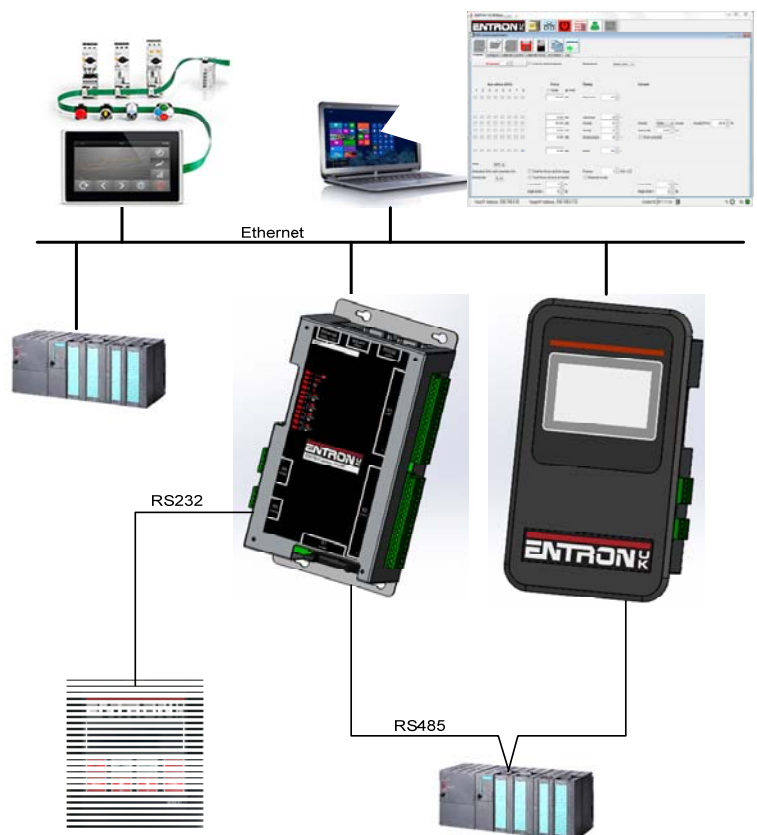
Easy, Intuitive 4 line display

MULTIPLE COMMUNICATIONS OPTIONS : Ethernet TCP / IP, Modbus, RS232, RS 485.

MULTIPLE CONTROL OPTIONS: Discrete 16-I/16-O Plus analog 0-10V, Modbus TCP/IP (Ethernet), MOD-BUS-RTU (RS485)

PROGRAMMING OPTIONS : Pendant (RS232), HMI RS485 , HMI or PC Software Ethernet TCP/IP.

DATA-LOGGING: Internal Data-logging up to 6000 records, / File Data-logging can be recorded to hard drive through NetFlash.



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