# ENTRON™

## Controls for Resistance Welding

# iPAK MFDC Inverter Controls

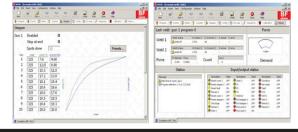## Lastest Generation of Advanced MFDC Inverters



Control cabinet with door-mounted timer, up to 64 programs, constant current control and monitoring. Fitted into a sheet steel enclosure with circuit breaker, 24 VDC air valve power supply, appropriate line fusing, safety covers, and water-cooled MFDC Inverter Module. Optional hand-held pendant.

### WS98-iPAK PC Programming Software
Networking, Calibration, Monitoring, Data Logging



## Features

- Spot / Repeat / Roll-spot / Seam (dual heat) / Seam (preheat)
- Pulsation, Upslope and Downslope
- Dual weld intervals per program (Preheat and Weld)
- 64 programs (internal or external selection)
- Constant Current regulation
- Current/Power Monitoring: High/Low limits and Pre-limit
- Proportional valve controller (0–10 V or 4–20 mA)
- Pressure Monitoring: High/Low limits
- Programmable blocking on fault
- Weld Log keeps history of recent welds
- Programmable outputs (events)
- Retract/High-lift control
- Single or dual gun operation
- Optional Constant Voltage regulation / Constant Power
- OHMA (Air over Oil) gun operation
- Up to 3 analog inputs (2 x 0–10 V, plus 1 x 0–10 V or 4–20 mA)
- Machine Sequencer Logic
- Chain – Weld programs may be linked together for multiple spot sequences
- Cascade configuration available – Up to 4 MFDC transformers
- High Current Output configurations available – up to 300 kA weld current capability, higher on special applications



*Exclusive ENTRON one year warranty*

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