

LCX™

Liburdi's universal weld controller is the only one of its kind. LCX™ allows you to work seamlessly with a variety of industry power supplies, including our own line.

In conjunction, the LCX™ is fully compatible with Liburdi Dimetrics Gold Track pipe welding systems.



TIG

MIG

PLASMA

**MULTI-PROCESS
CONTROLLER**



Weld Quality Starts in the Arc

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LCX™

Universal Weld Controller



Liburdi's universal weld controller is expandable to 8 servo axes (Tachometer, back-emf, or encoder feedback). Pulse up to 10,000 Hz with a duty cycle resolution of 1 micro-second. Plenty of spare digital and analog controls for external welding supplies and accessories; MFC's, solenoids and flow switches.

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Compatible Weld Heads:

- 'G' Multi-Process
- 'BLOCK' Multi-Process
- 'F' Multi-Process
- Model 'F' Weld Head
- Low Profile 'F' Head
- 'BLOCK' Weld Head
- 'FFIP' Weld Heads
 - Small, Medium, and Large
- Low Profile Weld Head

Industries:

- Power Generation
- Petrochemical
- Pipeline
- Off Shore
- Oil/Gas
- Incineration

Applications:

- Process Piping
- Production Piping
- Cross Country Piping
- Water Wall Cladding
- Linear Seam Fabrication
- General Fabrication and Production

Standard Controller Features:

- PC/104 architecture
- USB/Ethernet Connectivity
- User Configurable Pendant
- Interactive Calibration
- Multi Language
- Offline Software Tools

Materials:

- Stainless Steel
- Titanium
- High Nickel Base Alloys
- Carbon Steel
- Flux Core Wires (MIG Only)
- Aluminum Alloys (MIG Only)

The Power of Control:

- Truly flexible design
- Build your ultimate Welding System: Controls GTAW (TIG), GMAW (MIG/MAG), and PAW (Plasma) Power Supplies.

Gas Cannister



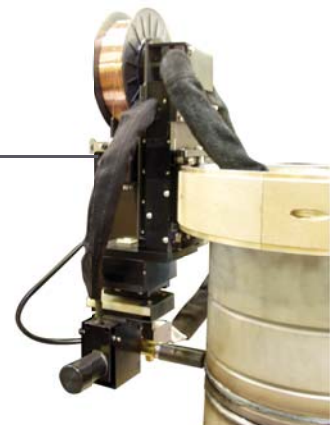
Power supplies:

- Liburdi
- Miller
- Fronius
- Lincoln



LCX™ Controller with optional protective case

Liburdi F Weld Head



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Please consult one of our offices for information on available Power Supply interfaces

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