

iQ AiM

Automation In Mind

Designed and ready for easy system integration, the ultimate solution in continuous & intermittent ultrasonic bonding & cutting.



Benefits

- Easy to Integrate ultrasonic generator
- Designed to minimize down time
- Superior weld results
- Industry 4.0 ready; control, process, collect, via standard Ethernet/IP or other communication protocols
- Industry best lead time
- Optimized to fit 12" deep electrical cabinets and 19" rack modules

Designed for OEM's

The integration ready AiM was designed to fit your control panel with ease. The overall form of the generator fits seamlessly into a panel, either vertically or horizontally and an intelligent cable management setup ensures a clean look and finish in your control panel.

iQLinQ™

Control the process & parameters through EtherNet/IP or other protocols with iQLinQ™. iQLinQ™ gives you access to set, enable, configure, diagnose, and collect in an intuitive environment developed for Industry 4.0.

iQ Commander

Standard with all iQ AiM power supplies. This allows the user to easily connect a PC to the iQ AiM via USB to perform product setup, custom I/O configuration and system diagnostics along with other system functions.

Power Factor Correction

PFC provides for high power conversion efficiency (>92%), by allowing the generator to draw less power, and run cooler.

DUKANE

iQ AiM Automation in Mind

Offered in a wide range of models from 600-5000 watts and from 15kHz to 40kHz.

Easy to Integrate

- Ethernet IP ready
- Quick integration with all protocols available
- Less power needed to do the same work
- Multi-point control as a standard
- Fastest acquisition rate in the industry with our new multi core architecture

Reliable Ultrasonic Generator

- Flow thru cooling with a thermostatically operated fan to ensure your generator operates at the highest efficiency
- PFC(power factor correction) reduces the energy draw and operating costs



Troubleshooting with Ease

- iQ Commander assists in data acquisition, process setup, and troubleshooting
- Industry 4.0 provides remote access to the generator to tune your process

Rack Mountable

- 19" rack mountable with 3U rack-mount chassis
- Cable management made easy with bottom or side mounted ports
- Vertical or Horizontal models available
- 120V, 240V, and 3 phase 400V/480V AC line options

Multiple weld modes help to increase your weld strength, Energy , Peak Power, Time, and Trigger by Power.

For more information, speak with your Dukane representative or contact your Dukane regional office.

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