

H HIGHLAND

VORTEX

ELECTROFUSION PROCESSOR



Operating Type:	Controlled voltage.
Operating Modes:	Manual, Bar Code
Operating Languages:	Default: English
	Preloaded Options: French, Spanish
	On request: Dutch, German, Portuguese and Russian
Operating Temp ¹ :	-40°F to 120°F
Welding Voltage:	8 to 48 V ac (39.5 V)
Welding Current ² :	1 to 60 A ac (true rms)
Welding Power:	8 VA to 2400 VA
Welding Time:	1 to 3000 seconds
Supply Protection:	Class 2 – No Earth connection
Data log memory:	2048 fusions
Data download/upload:	USB flash memory drive
Protection Level:	IP54
Supply Voltage ³ :	120 V ac (+/- 20%) 40 to 70 Hz
Supply Current:	1 to 30 A ac (true rms)
Supply Power:	3,300 W ¹
Weight:	35lbs
Size:	18in x 14in x 7in

ISCO's Highland VORTEX electrofusion machine is a small processor with big power. VORTEX features an active cooling system which allows for a decrease in overall size and weight of the unit. The powerful fan keeps the processor cool while a positive pressure configuration helps keep out dust and debris. VORTEX comes standard with GPS and is ready to meet your ASTM F2897 traceability needs.

- Fuse up to 12" fittings with active cooling for maximum performance
- Features an IP54 rating to weather the elements
- Upgradeable software and mobile application compatible
- Light and compact at 35 lbs. and 18"x14"x7"
- Fuse 4.0mm or 4.7mm fitting terminals with universal fusion tips
- Wireless and rechargeable barcode scanner
- Rugged case for protection and storage



¹All units now built to extended temperature specification

² Units with serial numbers beginning in ATS welding current: 1 to 50 A ac (true rms)

³ 30A x 110V = 3300 W. ISCO recommends the use of a non-welding generator with no less than 7500 watts power.

ISCO Industries, Inc. has a policy of continuously improving product design, and as such reserve the right to change specification of its products without prior notice and with impunity.

We know you have work to do, and downtime is the enemy. That is why our commitment to customers is a guaranteed 5 day or less turn around on calibration and service evaluation along with an industry leading 2 year warranty. With multiple service locations across the US and Canada, we are equipped to get you back in operation as soon as possible.