



The IntegriFuse I-60 and I-105 Electrofusion Processors are next generation Electrofusion control boxes. Both Electrofusion Processor models are **weather resistant** and come included with a wheeled Pelican™ case which provides the processor with enhanced protection during transport. Both Processor units can fuse ALL BRANDS of electrofusion fittings and come equipped with 4.0 mm lead tips and include 4.7 mm Lead Tip Adapters. Both processors can also be retrofitted to include an on-board GPS module that is accurate to within 2.5 meters (8.2 ft.)

The I-60 Processor can fuse a fitting range of ½" to 16" DIPS, and the I-105 Processor can fuse a fitting range of ½" to 63". Both Processors are equipped with improved on-board technology and internal components that allow fusion to take place at higher amperage and are capable of long fusion times and consecutive fusions without overheating. Both Processors have large, intuitive graphic displays, that walk users through each step of the fusion process, and both processors have safety output circuit powered by double insulated transformers with galvanic isolation that maximizes safety on the jobsite.

Processor Dimensions

Processor Model	Unit Voltage	A [in.]	B [in.]	C [in.]	D [in.]	E [in.]	Weight [lbs.]	Item Code
I-60	120v	12.95	9.17	9.92	12.16	6.49	50 w/o case	600801
I-105	240v	12.95	9.17	9.92	12.16	6.49	52 w/o case	600800

Note: The included Pelican Case adds an additional 10 lbs. to overall weight.

Processor Specifications

	IFuse I60	IFuse I105
Working Temperature Range	14° F to 113° F	
Maximum Working Range	16" DIPS	63" IPS
Fusible Materials	PE / PEX / PP / PP-R	
Input Voltage	120 V AC (102 V – 138 V)	230 V AC (185 V – 260 V)
Input Current	32 A	16 A
Input Frequency	50 Hz (40 - 70 Hz)	
Output Voltage	8 V AC to 48 V AC	
Output Current	100% = 50 A, 60% = 70 A, 30% = 90 A	65 A > 20,000 sec, 105 A max 1,400 sec @ 68° F
Output Peak	100 A (Electronically Limited)	120 A (Electronically Limited)
Power Requirements (minimum)	5,000 Continuous Watt (non-welding) Generator with dedicated 30A 3-Prong Twist Lock Outlet	6,500 Continuous Watt (non-welding) Generator With dedicated 30A 4-Prong Twist Lock Outlet
Input Cable	13 ft NEMA L5-30 125V/30A Twist Lock	13 ft NEMA L14-30 250V/30A Twist Lock
Output Cable & Lead Terminals	10 ft. - 4.0 mm tips and 4.7mm adapters	
Display	Graphic, 128x64 Characters (alphanumeric), background lighting	
Language Options	English, Spanish, Italian, German, French, Russian	
No. of Reports Stored	7,500 Fusions	
Interface	USB / RS232	
Data Format	USB Format: CSV - TXT	
On-Board GPS	Optional with an additional cost and available if requested	