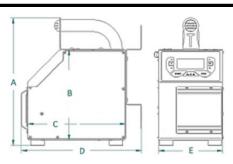


IntegriFuse I-60 & I-105 Electrofusion Processor







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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 $\frac{1}{2}$ " to 16" DIPS, and the I-105 Processor can fuse a fitting range of $\frac{1}{2}$ " 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

| Processor Specifications | | | | | | | | |
|----------------------------------|--|---|--|--|--|--|--|--|
| | IFuse l60 | 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 | | | | | | | |