

ELECTROFUSION PROCESSORS



STRONGBRIDGE

240V



Engineered for Durability Built to Last ▶▶▶▶▶▶▶▶

Our processors are designed and built for the harshest environments and capable of fusing all sizes of electrofusion fittings available.

Strongbridge electrofusion processors are capable of fusing all universally barcoded electrofusion fittings available in the market today. Fusions are made easy with our intuitive user interface, SmartScan barcode scanner and simplified step-by-step process. Strongbridge processors can also be operated in two additional manual input modes for maximum flexibility.

All fusion data is stored internally and can easily be downloaded to an external USB storage device. Up to 37 points of data can be captured per fusion, including fusion voltage and time, ambient temperature, current, operator identifier and much more.

120V



Our 240V processor is capable of fusing all sizes of electrofusion fittings at voltages ranging from 8 to 48 volts, while our 120V processor is capable of fusing fittings up to 24" at voltages ranging from 8 to 48 volts.



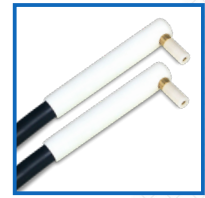
Heavy-duty polyurethane wheels with stainless steel bearings



Gasket sealed 12 ft (3.7m) input and output cables



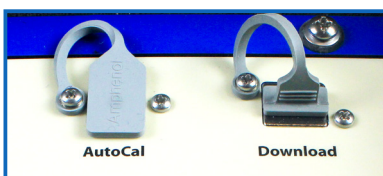
Industrial grade NEMA locking plug



90° non-rotating output cable pin adapters



SmartScan barcode scanner



USB interfaces

- **Unit electronics are gasket sealed – no air venting means no risk of damage due to dust or debris contamination**
- **Storage of up to 15,000 fusions**
- **USB interface for data download and calibration**
- **Includes 4.0mm and 4.7mm output cable pin adapters**
- **Heavy-duty transformer will not overheat**
- **SmartScan GPS option available**
- **Designed and built in the U.S.A.**
- **All service and repairs are performed in the U.S.A. by the same technicians that build them**
- **3 year extended calibration period**
- **1 year manufacturer's limited warranty**



Water resistant, crushproof, dustproof hard case with retractable extension handle and heavy-duty wheels

www.strongbridge.us

STRONGBRIDGE

Power Specifications	120V Processor	240V Processor
Supply Voltage	97 VAC to 150 VAC	180 VAC to 264 VAC
Maximum Supply Current	30 Amps (at 60 Amps output)	25 Amps (at 80 Amps output)
Supply Frequency	47 Hz to 70 Hz	
Supply Waveform	Sine Wave or Square Wave	
Output Voltage	8 VAC to 48 VAC +/- 1.5%	
Output Current	4 AAC to 80 AAC +/- 1.5%	
Power Generator Requirements	Minimum 6,500 watts (6.5 kW) output under continuous load*	
Mains Power Requirements	Two wire plus ground 120 volt 40 Amp service	Two wire plus ground 240 volt 30 Amp service

Operating Features		
Input Cable	12 ft (3.7m) with three-prong NEMA #L5-30P twist-lock plug	12 ft (3.7m) with four-prong NEMA #L14-30P twist-lock plug
Output Cable	12 ft (3.7m) with integrated temperature sensor and barcode scanner	
Weight	65lbs (29kg)	60lbs (27kg)
Type A USB Port	USB A type connector for attaching a USB flash drive to download fusion data	
Type B USB Port	USB B type connector for attaching the AutoCal® field calibration system	
Fitting Adapters	Field replaceable 90 degree	
Barcode Scanning	SmartScan / SmartScan with optional GPS	
IEC Protection Class	Class 1 grounded	
Environmental Protection	IP54 Splash-proof	
For use with	HDPE / MDPE / PEX / PP / PP-R	
Operating Temperature Range	0°F to +140°F (-18°C to +60°C)**	
Operating Modes	Barcode / Manual voltage and time / Manual barcode	
Languages	English / Spanish / French	
Calibration Interval	3 Years	
Limited Warranty	1 Year	

* Do not attempt to use a welding generator.

** Fusion should only be performed when material and ambient temperatures are between +32° F and +115° F (0° C and +45° C).

To learn more about how Strongbridge can help, contact us by phone, email or visit our website to check out our products and services.



Strongbridge International LLC
 Jacksonville, FL
 T: (904) 278-7499
 F: (904) 278-7501
 E: contact@strongbridge.us

www.strongbridge.us

Strongbridge International LLC is not responsible for error or omissions in the content of this document. The information in this document is for reference purposes only and is not to be relied upon or substitute engineering documentation. All information is provided "as is", with no guarantee of completeness or accuracy and is subject to change without notice.

© 2024 Strongbridge International LLC SSEFP-1724