

GENESIS F3

Electrofusion Processor

- 120 Volt and 240 Volt
- Processor permanently mounted in a hard shell Pelican™ case
- USB download port
- Standard machine supplied with a barcode pen scanner.
- Options include SmartScan™ and SmartScan™ with GPS
- Can be operated in Manual, Barcode ID or Resistor ID modes
- Scanning capability for pipe and fitting traceability barcodes per ASTM F2897-11



Description	120 Volt	240 Volt
	Product Code	Product Code
Processor with barcode pen scanner	328221	328251
Processor with SmartScan	328222	328250
Processor with SmartScan with GPS	328223	328249

Stores information on up to 1000 fusions

Windows® 7 or later compatible

Calibration Window 3 years

Operator ID readable

Barcode readable without leads attached

Traceability barcode scanning capable

AutoCal™ system allows processor to be recalibrated at customer's facility

3 handles so the processor can be carried easily by 1 or 2 people

Cable storage in lid

Lid opens 180 degrees

Weight:

120 volt – 48 pounds

240 volt – 57 pounds



GENESIS F3 CONT'D

GENESIS F3 Specifications

Parameter	120 Volt Version	240 Volt Version
Supply Voltage	97 VAC to 150 VAC	180 VAC to 264 VAC
Supply Frequency	47 Hz to 70 Hz	
Supply Waveform	Sine Wave or Square Wave	
Maximum Supply Current	30 Amps at 60 Amps Output (120 VAC)	25 Amps at 80 Amps Output (240 VAC)
Output Voltage	8 VAC to 48 VAC +/- 1.5%	
Output Current	4 AAC to 60 AAC +/- 1.5% (80 AAC @ 42 VAC output)	4 AAC to 80 AAC +/- 1.5%
Duty Cycle	60% (based on four 15 min. cycles, 9 min. ON and 6 min. OFF for 1 hour)	
Operating Temperature Range	0°F to 140°F	
Operating Modes	Barcode, Manual, Manual Barcode, Resistor ID	
Barcode Readability without Leads Attached	YES	
Output Cable Length	12 feet	
Input Cable Length	12 feet	
Fusion Information Storage	1000 Fusions	
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.	
Languages	English/Spanish	
Fitting Adapters	90 degree non-rotating	
Environmental Protection	IP54 Splash-Proof	
Calibration Interval	3 Years	
Warranty	1 Year	
Scanning	Interchangeable Smart Scan/Smart Scan with GPS	
GPS	Optional	
Pipe Fitting Traceability	Code 128 A, B or C barcodes	
IEC Protection Class	Class 1 Grounded	
Calibration/Service	Field calibration capable	
Weight	48 pounds	56 pounds



This device is fully compatible with the AutoCal® field calibration system.

Accessories for Genesis F3 Electrofusion Processor

Replacement Parts	
Item	Part Number
Pen Scanner, Threaded Connector	328224
SMART Scanner, Genesis F3	328225
SMART Scanner with GPS, Genesis F3	328226
Display Shield	328230
Fitting Adapter, 4.0mm 90° (White)	328231
Fitting Adapter, 4.7mm 90° (Black)	328232
Fitting Adapter, 4.7mm 90° with ID pin	328233
Smart Scanner Holster	328227
Barcode Pen Holster	328228
Accessory bag	328229
Genesis F3 Information Card	328234
Fuse, 2 Amp 250 Volt Slow-Blow, 5 x 20mm	328235
Replacement Case	328247
Adapter Wrench 5/16"	328248