

ACR II Hot Bonder Specification Sheet

ADVANCED COMPOSITE REPAIR 2

Hot Bonder Specification Sheet

Single Zone, Internal Electric Vacuum Pump, 20 / 30 Amp

Part Number: ACR-IIN1E20 / ACR-IIN1E30

General

Unit Size: 20.0" x 16.0" x 8" (508mm x 406mm x 203mm)	Unit Size with Lid: 20.0" 16.0" x 12.5" (508mm x 406mm x 318mm)	10.4" (264mm) Touch Screen with Easy-to-Use Interface
Unit Weight: 40lb (18kg)	Unit Weight with Lid: 45lb (20kg)	USB Port: Reads a flash disk to store programs, transfer programs from computer to hot bonder or hot bonder to hot bonder, and load software updates
Cures up to 1400°F (760°C)	Input Ground Fault Interrupter Breaker Protected	Audible and Visual Alarms for High and Low Temperature Limits
Programmable to Either °F or °C	Digital Data Logger: Prints and records real-time status of cure including program parameters	Cure recipes can be edited on either the hot bonder or a PC (with included flash disk)

Power

Input Power: 90-264VAC, 50-60Hz
Heater Output Power: 120VAC or 240VAC, 20 amp max (ACR-IIN1E20) / 30 amp max (ACR-IIN1E30)

Environment

Maximum Storage Temperature: 140°F (60°C)	Minimum Storage Temperature: -4°F (-20°C)
Maximum Operating Temperature: 113°F (45°C)	Minimum Operating Temperature: 32°F (0°C)
Ambient Humidity: 90%RH or below (non condensing)	

Sensors

10 Thermocouple Sensor Inputs
Accepts Either Standard or Mini J-Type Thermocouples

Vacuum

Internal Electric Vacuum Pump	0.9 scfm
27-28in Hg (13.26-13.75PSI)	Ability to manually adjust pressure

Product Views



Top View



Side View