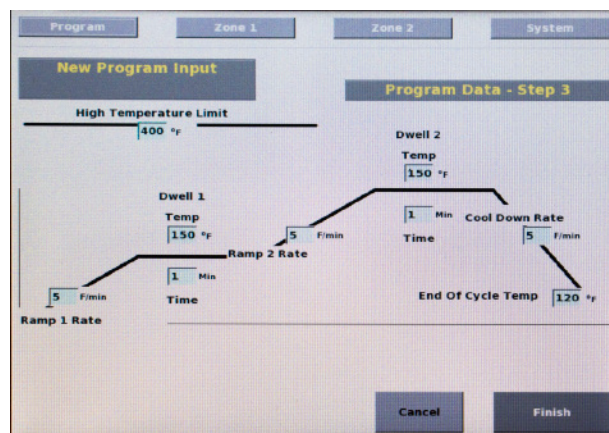


ACR® MINIPRO™ HOT BONDER

- ▶ Easiest-to-use, fully-loaded hot bonder under 18 lbs (8 kgs)
- ▶ Full-color touchscreen interface
- ▶ Built-in vacuum venturi
- ▶ 20 or 30 amp output
- ▶ 10 thermocouple sensors
- ▶ Audible and visual alarms for high and low temperature/vacuum limits
- ▶ Fast and simple data transfer with USB drive
- ▶ Small and lightweight — cure composite materials anywhere
- ▶ Easy-to-carry and setup — even up towers, ladders, staircases, and on wings
- ▶ Intuitive graphical touchscreen interface is easy-to-program and use
- ▶ Secure — multiple levels of password protection
- ▶ Transfer your programs quickly from one bonder to another
- ▶ Simple post-cure data transfer and analysis — files can be transferred easily with USB drive and opened with spreadsheet and word processor programs including Microsoft® Excel® and Word®
- ▶ Rugged — hot bonder is enclosed in extra durable, high-impact hard case
- ▶ Multi-language support including English, German, Russian, and Chinese (Mandarin). Additional languages available upon request
- ▶ Update your hot bonder easily with the latest FREE software at www.BriskHeat.com



Specifications

General

Display: 8.4 in (213 mm) full-color touchscreen

Temperature Control Range: Up to 1400°F (760°C)

Temperature Display Units: °F or °C

Sensor Input: Type-J Thermocouples with mini connectors — 10 inputs

Accuracy: ±3°F (1.67°C)

Temperature Measurement Source: Choice of average of all selected thermocouples (TCs), high TC, low TC, or one selected TC

Dimensions (Closed): 16.44 x 13.13 x 6.81 in (418 x 333 x 173 mm)

Weight: Under 18 lbs (8 kg)

Alarms: Audible and visual alarms for high and low temperature/vacuum limits

Data Storage: Stores up to 30 programs and last 12 cures on unit

Data Transfer: Through USB port — USB flash drive included

Data Logging: Logs digitally and records real-time status of cure including program parameters

Data Logging Intervals: 1 to 99 minutes

Security: Multiple levels of password protection

ACR® MINIPRO™ HOT BONDER

Specifications (continued)

Power

Input Voltage: 100-130 or 200-240 VAC

Maximum Amp Load: 20 or 30 amp models

Frequency: 50-60 Hz

Ground Fault Protection: Input ground fault interrupter breaker protected

MAINS Supply Voltage Fluctuations: up to $\pm 10\%$ of the nominal voltage

Transient Over Voltages: Typically found on a Category II power source: i.e. a lighting circuit

Input Power Cord: 10 ft (3 m) long with bare wire leads (1 per zone)

Heater Output Cord: 5 ft (1.5 m) long with receptacle compatible with BriskHeat Composite Curing Heating Blankets with 'C' plug. — Other heater output cords available upon request

Vacuum

Vacuum System: Built-in vacuum venturi pump — requires 80 psi compressed air for 28 inHg (711 mmHg) vacuum

Vacuum Units: Programmable to inHg or mmHg

Environment

Location: Intended for use in dry environments. Do not expose to wet spray

Altitude: Up to 6,562 ft (2,000 m)

Storage Temperature Range: -4 to 140°F (-20 to 60°C)

Operating Temperature Range: 41 to 104°F (5 to 40°C)

Maximum Relative Humidity: 80% for temperatures up to 88°F (31°C) decreasing linearly to 50% relative to humidity at 104°F (40°C)

Pollution Degree: 2 — normally only non-conductive pollution occurs, however a temporary conductivity caused by condensation must be expected



Ordering Information

Part No.	Maximum Amp Load	Voltage
ACR-3-MINI	20	Universal
ACR-3-MINI-30	30	Universal

Includes

- ACR® MiniPRO™ hot bonder unit
- One 10 ft (3 m) vacuum hose
- One vacuum bag feed-through
- One 10 ft (3 m) input power cord (plug sold separately*)
- One 5 ft (1.5 m) heater output power cord
- USB flash disk
- Ten J-Type thermocouples
- Ten standard connector adapters for thermocouple receptacles

Deluxe Packages with Heating Blankets

Part No.	Description
ACR-MINI-120KIT	ACR-3-MINI (20 amp) with 120 V Heating Blankets <ul style="list-style-type: none"> - One 10 in x 10 in (254 mm x 254 mm) SR heating blanket - One 12 in x 12 in (305 mm x 305 mm) SR heating blanket - One 16 in x 16 in (406 mm x 406 mm) SR heating blanket
ACR-MINI-240KIT	ACR-3-MINI (20 amp) with 240V Heating Blankets <ul style="list-style-type: none"> - One 10 in x 10 in (254 mm x 254 mm) SR heating blanket - One 12 in x 12 in (305 mm x 305 mm) SR heating blanket - One 16 in x 16 in (406 mm x 406 mm) SR heating blanket

Input Power Plugs*

Part No.	Description
40712	Nema L5-30, 2-pin 3-wire 125 VAC twist lock
10814	Nema L6-30, 2-pin 3-wire 250 VAC twist lock

*See page 180 for other power plug options.