

ACR® 3 Hot Bonder

BriskHeat
Corporation

ACR[®] 3

HOT BONDER

Easier • Better



Short Video



- **Perform Cures Faster and Better**
 - Single or dual zone
 - 8.4" (213mm) full-color touch screen
 - Dual vacuum system: Built-in electric vacuum pump and vacuum venturi for each zone
 - Universal voltage: 100-130VAC, 200-240VAC
 - 30 amps output per heat zone
 - 10 thermocouple sensors per zone
 - Accepts J-type thermocouples
 - Includes everything you need
 - Includes training DVD

- **Easy-to-Use Software on Full-Color HD Touchscreen**
 - Quick 3-step programming: Store 30 programs on hot bonder
 - Easy-to-follow menu choices
 - Quick data entry: Complete QWERTY keyboard interface
 - Secure: Multiple levels of password protection
 - Multi-task: Perform several operations at once
 - Retains history of last 12 cures
 - Customized post cure analysis: Data logging intervals 1 to 99 minutes
 - Multiple language support:
 - English, German, Russian, Chinese (Mandarin)
 - Additional languages available upon request

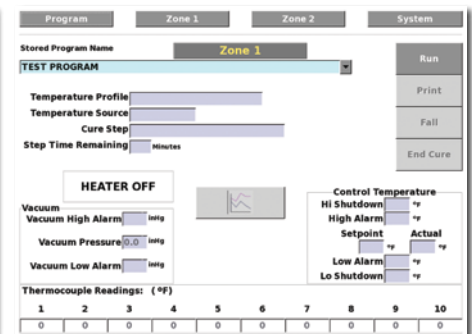
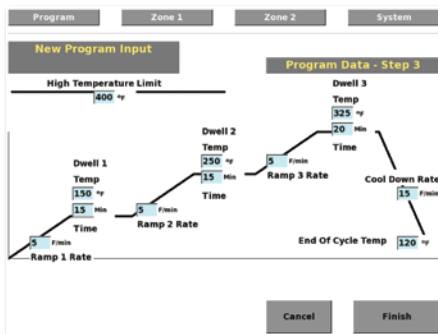
- **Fast and Simple Data Transfer with USB Drive**
(USB Flash Disk Included)
 - Transfer and archive post cure data history to your PC.
 - Instantaneously analyze your data on your spreadsheet and word processor programs including Microsoft® Excel® and Word®
 - Transfer your programs quickly from one bonder to another
 - Update your bonder easily with the latest FREE software at www.briskheat.com



Easy-to-Transport



Transfer data instantly



COMPOSITE CURING

ACR® 3 Hot Bonder

Specifications

General

- Single or dual zone
- 8.4" (213mm) touch screen
- USB port for data transfer (USB flash disk included)
- Input ground fault interrupter breaker protected
- Audible and visual alarms for high and low temperature / vacuum limits
- Data logs digitally or through built-in printer: prints and records real-time status of cure including program parameters

Power

- Universal input voltage: 100-130VAC, 200-240VAC
- 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.
- Frequency: 50-60Hz
- 30 amps maximum per zone

Vacuum

- Dual vacuum system: Built-in electric vacuum pump and vacuum venturi for each zone
- Pressure: 28" (13.8PSI)
- Ability to manually adjust pressure for each zone

Temperature Control

- Cures up to 1400°F (760°C)
- 10 thermocouple sensor inputs per zone
- Accepts J-type thermocouple connectors
- Accuracy: $\pm 3^\circ\text{F}$ (1.67°C)
- Monitors all thermocouples for alarms

Environment

- Intended for use in dry environments. Do not expose to wet spray.
- Altitude up to 6562ft (2,000m)
- 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)



Patent 6,976,519



ACR® 3 Hot Bonder

Ordering Information:

The ACR 3 Hot Bonder can be purchased either as a kit with composite curing blankets or as a base unit.

Kit with Composite Curing Blankets

Number of Zones	Voltage	Part Number	NSN*
1	120VAC	ACR-3-S120KIT	4920-01-538-9296
1	240VAC	ACR-3-S240KIT	4920-01-538-9296
2	120VAC	ACR-3-D120KIT	4920-01-545-5200
2	240VAC	ACR-3-D240KIT	4920-01-545-5200

* Please indicate voltage when ordering with NSN.

A Kit Includes:

- ACR 3 hot bonder unit
- One 10" x 10" (254 x 254mm) SR composite curing blanket per zone
- One 12" x 12" (305 x 305mm) SR composite curing blanket per zone
- One 16" x 16" (406 x 406mm) SR composite curing blanket per zone
- 10ft (3m) vacuum hoses (2 per zone)
- 10ft (3m) input power cord (1 per zone)
- 5ft (1.5m) heater output power cord (1 per zone)
- USB flash disk
- J-Type thermocouples (10 per zone)
- Standard connector adapters for thermocouple receptacles (10 per zone)
- Vacuum bag feed-throughs (2 per zone)
- Extra printer ribbon and paper (1 per zone)
- DVD Training Video



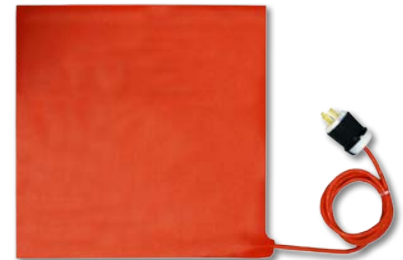
ACR® 3 Hot Bonder- Dual Zone



10" x 10" SR curing blanket
(1 per zone)



12" x 12" SR curing blanket
(1 per zone)



16" x 16" SR curing blanket
(1 per zone)

Base Unit

Number of Zones	Voltage	Part Number
1	Universal	ACR-3-S
2	Universal	ACR-3-D

Base Unit Includes:

- ACR 3 hot bonder unit
- 10ft (3m) vacuum hoses (2 per zone)
- 10ft (3m) input power cord (1 per zone)
- 5ft (1.5m) heater output power cord (1 per zone)
- USB flash disk
- J-Type thermocouples (10 per zone)
- Standard connector adapters for thermocouple receptacles (10 per zone)
- Vacuum bag feed-throughs (2 per zone)
- Extra printer ribbon and paper (1 per zone)
- DVD Training Video



Training Video



Available **FREE** online:
ACR® 3 Hot Bonder:
Demonstration and Training Video