

# HOT BONDERS

# COMPOSITE REPAIR SYSTEMS



**Network Capable\***

\*Requires an HCS9300NW Series Controller

**Model: HCS9000C**  
**(Single Zone Touch Screen Hot Bonder)**

Hot Bonders manufactured by HEATCON Composite Systems are used to control localized heat sources for a wide variety of manufacturing and repair applications which require the curing of prepregs, resins or adhesives.

Bonders typically support 'out-of-autoclave' processing, and are especially useful for on-aircraft repair and secondary curing applications in the manufacturing environment.

***Innovating Solutions for the Advancement of Composite Repair Technology***



HCS9000C (Single Zone)
<i>Weight</i> - Only 13lbs (5.9kg)
<i>Dimensions</i> - 13in x 10.5in x 5.75in (33.02cm x 26.67cm x 14.6cm)
<i>Touch Display Dimensions</i> - 4.5in x 3.5in (11.43cm x 8.89cm)

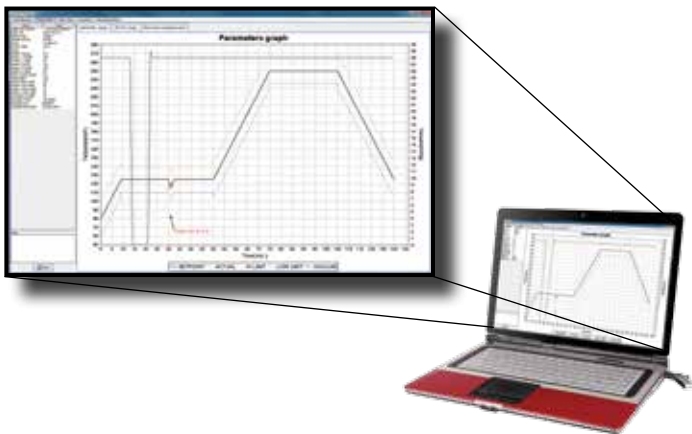
**Accessories Included:**

- Heat Blankets
- Air Filter
- Power Cords
- Data Capture Analysis Software USB
- Thermocouples
- 3-Year Warranty\*
- Vacuum Hose

**Specific accessories are described by quotation**  
\*Subject to Terms and Conditions

**Optional Accessories & Services:**

- 3-Year Equipment Support Program
- Accessory kit and tool packages
- Customized silicone rubber heat blankets
- Software security lock with password access
- Software modifications (pre-approval required)
- Printer Station - HCS2070
- Hot Bonder training
- Cures up to 2000°F (Type-K bonders only)



The **Data Capture and Analysis Software (DCAS)** is included with the hot bonder. It is a graphical program that allows the user to view uploaded data from the hot bonder. This software is intended to be used to evaluate cure activity and store cure records.

FEATURES:
High-resolution and sunlight readable LCD touch screen
Enhanced menu interface for easier navigation
USB interface for data export and printer plug-in (using Printer Station HCS2070)
Rapid start-up (in as little as 10 seconds)
Over 500 hours of cure information (12 Cure Records) stored for data export and printing
Up to eight (8) ramps and dwells per program
Dynamic Alarm / Control Integration
Select by hottest, coldest, average of all or no. 1 / no. 2 Thermocouple (10 Thermocouple Inputs)
Selectable metric or English units
90-264VAC (47-63, 400Hz)
30A power output per zone
Power failure auto recovery
Up to 30 customizable cure profiles
Control toggle for individual thermocouples
Foreign language menu systems
Ground Fault Interrupt (GFI)

***HOT BONDER OF CHOICE  
FOR MAJOR AIRLINES,  
REPAIR STATIONS,  
AND SPECIAL PURPOSES***



**OPTIONAL ACCESSORY** The HCS2070 Printer Station is a portable printer designed for use with the HCS9000C hot bonder. It is used to print cure data from the hot bonder for analysis and record keeping.