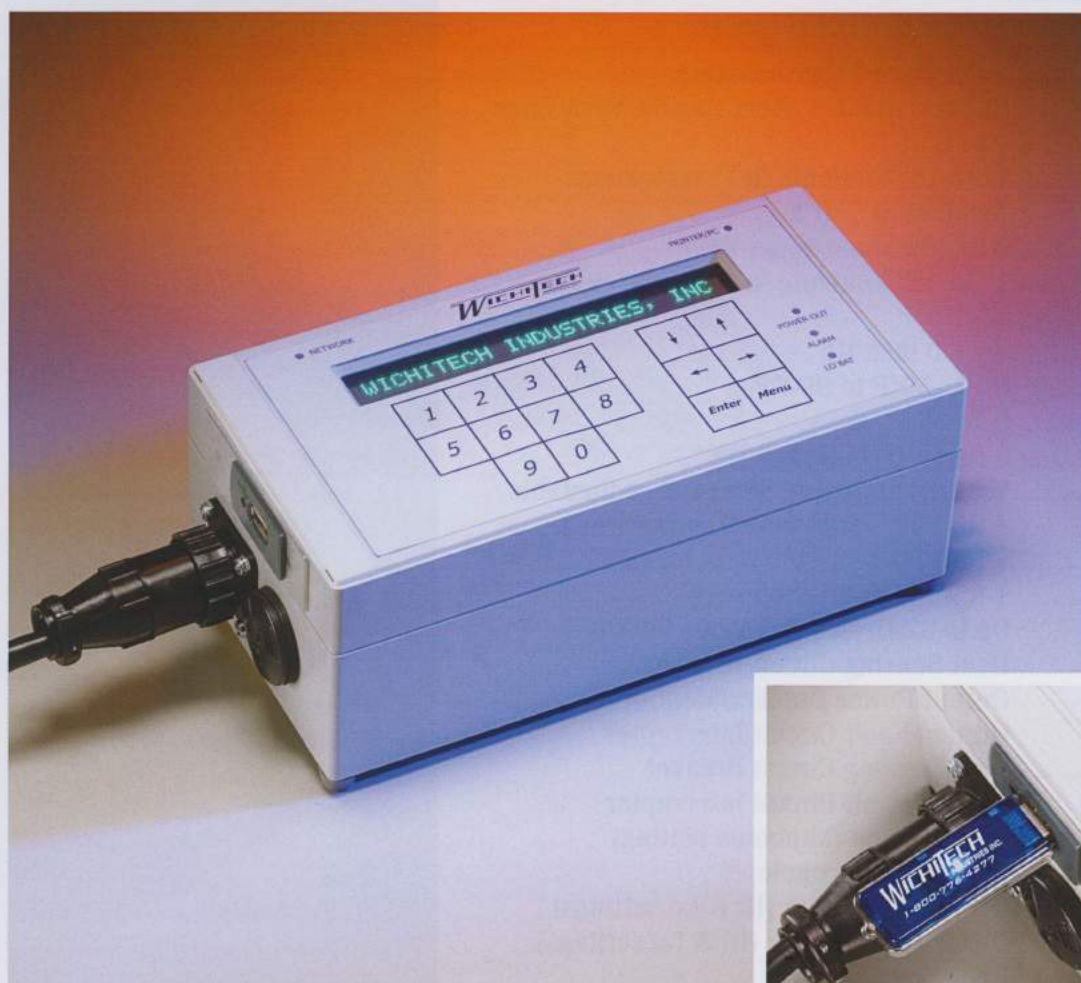


HB-1 Composite Repair System with 8 Tcs WichiTech Part Number F4HB1008



The F4HB1008 is the third generation single zone hot bonder manufactured by WichiTech. The universal AC input of the F4HB1008 allows it to operate on any standard AC power supply available anywhere in the world. The F4HB1008 provides all the functionality of most larger-sized dual zone hot bonders and comes in a package that is smaller than a half-loaf of bread!

Optional items such as WichiTech's universal printer and vacuum source can be purchased separately. The F4HB1008 is incredibly powerful and can drive loads up to 7200 watts!

The F4HB1008 is also USB, PC and network friendly. Data logging is now possible to a standard USB stick which can be downloaded to your PC. The internal RS485 port allows multiple units to be economically networked to complete complicated cures that require up to 16 discrete output zones. The F4HB1008 ships with a complete set of accessories so you are ready to start your cure right out of the box.

- ❖ **Single Zone, High-performance, Programmable Hot Bonder**
- ❖ **AC input Power (85-240VAC, 440 Hertz), 15A/20A/30A circuit breaker options**
- ❖ **AC Output Devices; heat blankets, heat lamps, and heat guns**
- ❖ **Standard WichiTech Features:**
 - › **Indestructible ABS enclosure**
 - › **8 "J" Thermocouple inputs**
 - › **2 vacuum measurement ports**
 - › **16 button tactile-touch keypad**
 - › **Enhanced, sunlight-readable, graphic 320/32 pixel display**
 - › **Cure data logging via USB**
 - › **S.I. or metric operability**
 - › **Password protected 32 cure library**
 - › **WichiTech's award winning menu-driven operational software with built-in self test**
 - › **All required accessories included**
 - › **Compact size 4.7" x 9.5" x 3.5"**
 - › **3.5 lbs (10 lbs shipping weight)**
 - › **Average service cost over 15 year period is less than \$250**
 - › **Standard 3 year warranty**
 - › **Free software updates**

WICHITECH
INDUSTRIES, INC.
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Model F4HB1008

Technical Specifications

<u>CHARACTERISTIC</u>	<u>SPECIFICATION</u>
Heating Zones	1-Operator Programmable
Heating System	Electric Blanket, Heat Lamps, Heat Guns
Heat/Dwell Steps	1 to 6
Heat Up Rate	1° to 15° F/minute in 1° increments
Dwell Temperature	Ambient to 500°F
Dwell Time	0 to 999 minutes per step
Cool Down Rate	1° to 15° F/minute in 1° increments
Temperature Accuracy	+/- 1.0°F
Vacuum Accuracy	+/- 1.0 inch Hg
Thermocouple Inputs	8 Tc, -50°F to 999°F
Active Control Thermocouples	8 Tc
Vacuum Measurement	2 ports, 0-30 inches Hg
Vacuum Generation	Venturi air driven, Externally adjustable
Printer Port	1 RS-232 serial interface for printer
USB Port	1 USB Port for cure data logging
Network	1 RS-485 multi-drop port Up to 32 Drops, Baud rate 9600bps
AC Safety Devices	Heat Sensing Circuit Breaker Output Power Breaker/Monitor Ground Fault Circuit Interrupter
Alarm Devices	Heat Sensing Circuit Breaker Ground Fault Circuit Interrupter
Alarm Conditions	Low Vacuum (Minimum setting) Open Thermocouple Over Temperature (Hi & Lo settings) Under Temperature (Hi & Lo settings) Backwards Tc Blanket Control Failure (No Heat)
General Operation	Six (6) separate ramp/soak cycles Auto resume of cure after loss of power Hottest, Coldest or Median Tc control Easy change of cure parameters during cure All alarms initiate hold except hot which reduces power Security password protected
Size	4.7" x 9.5" x 3.5"
Weight	3.5 pounds (10lbs. Shipping weight)
AC Power Supply	Auto-switching (85-265VAC, 47-440 Hz) Maximum current options of 15A/20A/30A
Operating Temperature/Humidity	-40° to +85° C, 20% to 95% (non-cond)
Storage Temperature	-40° to +85° C, 10% to 95%
Storage	Nylon Carrying Case with Shoulder Strap

For more information, to place an order, or for a personal demo please contact:

WichTech Industries, Inc
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Baltimore, Maryland 21201
United States of America

www.wichitech.com
800/776-4277
410/244-1966
FAX 410/244-1968

All major credit cards accepted.

F4HB1008 Single Zone Features

- ❖ 8 Thermocouples (Tc)
- ❖ Single or Multiple Tc Control (Hottest, Coldest or Median)
- ❖ Enhanced sunlight readable display
- ❖ TC reader/monitor mode
- ❖ 2 port vacuum measurement
- ❖ 32 Cure Library stored in a permanent memory
- ❖ RS232 Serial pLink to support printer or external computer
- ❖ Last cure mode saves last four cures
- ❖ RS485 Networkable for large custom repairs
- ❖ Smallest size & lightest weight hot bonder available anywhere
- ❖ Tc & vacuum alarm controls
- ❖ Standard 72-hour service turnaround time
- ❖ Standard 3-year warranty
- ❖ Free software updates



Standard Accessories (Included)

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