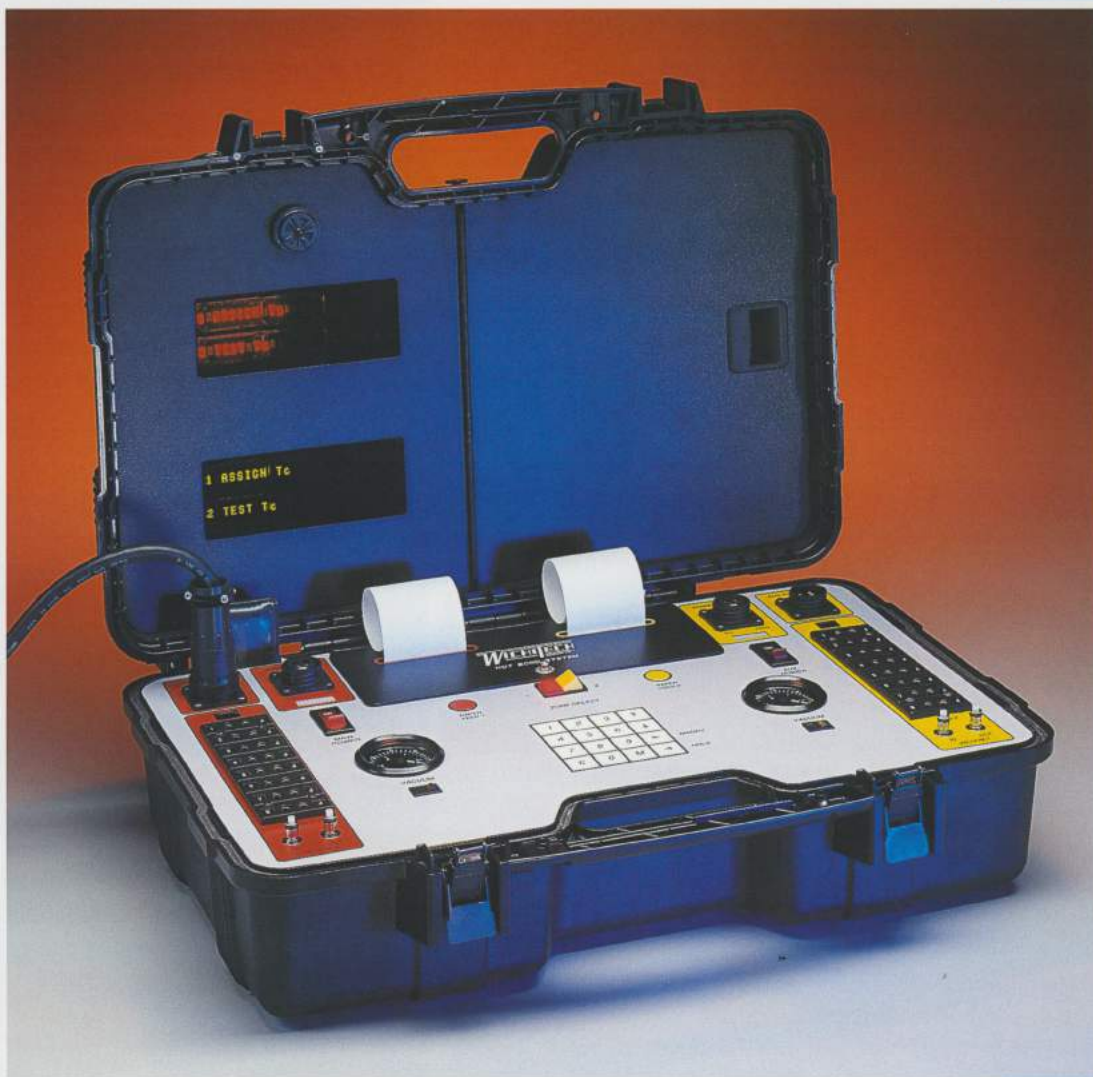


HB-2 Dual Zone Composite Repair System



The world's hottest hot bonder, the WichiTech HB-2 is a powerful, portable composite repair system that sets industry standards for ease of operation, safety, reliability and value. This durable system repairs metal, Kelvar, carbon, boron and fiberglass simply, safely and cost-effectively. HB-2 makes fast, flawless work of large or small repair jobs. The 35 pound USA-built unit is as simple to program as a microwave with its easy-to-read digital display and menu listed functions.

The custom made HB-2 is individually manufactured to your specifications. Select from a single zone unit up to a dual zone unit with two inde-

pendent programmed heating zones, 20 amps each, and two individual adjustable vacuum zones—or anywhere in between.

These twin features permit you to perform two independently-programmed cures simultaneously. Fail-safe protection is provided by the monitoring of multiple thermocouples, and audible alarms guard against temperature and vacuum conditions that could ruin the repair. Rugged field proven components shock mounted inside a tough, impact-resistant case mean years of reliable service from the HB-2—value engineered for first-time, every-time top of the line performance.

- ❖ Two operator programmable, independent heating zones
- ❖ Two individual, adjustable vacuum zones
- ❖ Menu driven functions with single key-stroke execution
- ❖ 32 library cure program memory
- ❖ Multiple thermocouples, audible alarms, circuit breakers, ground fault interrupter for safety/performance protection.
- ❖ Dual custom size color-coded printers
- ❖ Tough, lightweight Xenoy™ transport case, small enough to fit in airplane overhead storage
- ❖ Self-storing unit with space for cables, heating blankets, thermocouples
- ❖ Universal AC power 85-265 VAC, 47-440 Hz
- ❖ 8 or 10 TC's
- ❖ S.I. or metric units
- ❖ Standard 72-hour service turnaround time
- ❖ Standard 3-year warranty

WICHITECH
INDUSTRIES INC.
"CLEARLY SUPERIOR"™

HB-2 Dual Zone Technical Specifications

<u>CHARACTERISTIC</u>	<u>SPECIFICATION</u>
Heating Zones	2-Operator-Programmable
Heating System	Electric Blanket, Heat Lamps, Heat Gun
Heat/Dwell Steps	1 to 6
Heat Up Rate	1 to 15° F/minute in 1° increments
Dwell Temperature	500°F (1,000°F optional)
Dwell Time	0 to 999 minutes per step
Cool Down Rate	1° to 15° F/minute in 1° increments
Temperature Accuracy	+/-5°F
Heat Blankets	8" x 8", 10" x 10" Standard
Thermocouple	Type J
Active Thermocouple Inputs	16 (Control and Backup) 8 Per Zone (10 optional)
Vacuum Pump (Standard)	Oil-Free, Electric, 0.90 CFM (Dual Head)
Vacuum Lines	2 with thru-bag connector; 10' hose standard; 20' hose optional
Active Vacuum Transducers	2 (0" to 30" Hg)
Alarm Conditions	Low Vacuum Open Thermocouple Over Temperature Under Temperature TC Fall (Declining Temperature) Blanket Control Failure (No Heat)
AC Power Supply	Auto-switching 85-265 Volts, 47-440 Hz, 20 amp
AC Safety Devices	Circuit Breaker - 20 amp; Ground Fault Circuit Interrupter
Size	21" x 14" x 8"
Weight	45 lbs. Shipping Weight

HB-2 Dual Zone Features

- ❖ 8 or 10 TC's
- ❖ Single or multiple TC control (hottest, coldest or median/average)
- ❖ Precision (1%) output power control
- ❖ Auto-switching AC universal power
- ❖ Generate vacuum with standard venturi
- ❖ 30A/zone option
- ❖ Smallest & lightest dual zone hot bonder
- ❖ Standard 72-hour service turnaround time
- ❖ Standard 3-year warranty

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

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