



HOT BONDER

AHB380D



The **AHB380D** Hot Bonders are **very sophisticated systems allowing to manufacture, repair and cure composites structures**. This dual zone unit capable of operating as two independent single zone units, and running zone B in slave of zone A, ideal for complex repairs.

- **10 dynamic thermocouples per zone for a bigger security and a uniformity of the repair**, all independently scanned and selectable to control from the hottest, coldest or average thermocouple inputs.
- **The vacuum is generated from two very silent venturis**. Possibility of setting the vacuum (0 - 900 mbar).
- **Thyristor output drive for control of heater mats**, infrared lamps and hot air generators (Hot Gun).
- **Onboard memory for storage of an almost infinite number of cure profiles**. Post cure data dump to USB "Data Key" of all parameters for analysis and archiving with a PDF format.
- **Visual and sound indication of all alarms**. Event recording of all process interventions. Three levels of password protection for all operating and programming levels.
- **Interface very convivial and ergonomic**.
- **Automatic "Hot restart" after power failure**.
- **Print out including complete description of the cure and all elements of traceability**.
- **S.I or imperial unit configurable and multi-language**.

SPECIFICATIONS

- Weight: 12 Kg
- Dimensions: 525 x 440 x 210 mm
- Power supply: 100V-240 V CA
- Amperage: 32A max
- TFT 8.4" colour screen
- Two zones A and B
- 2 USB ports Thermocouples type 'K/J'

OTHER VERSIONS

- AHB380S: Single zone 16Amp or 32 Amp and 10 TCs
- AHB380D64: Dual zones (2x32 Amp) and 2 x 10TCs
- AHB380Q: Four zones (32 Amp) and 20 TCs
- Wireless module : 1 zone 16 Amp and 6TCs
- Multizone bonder: Up to 10 bonders synchronised

