AEROFORM COMPOSITES

Aeronautics Curing Solutions

DUAL ZONE HOT BONDER | AHB380D V4

THE MOST INTUITIVE AND RELIABLE HOT BONDER FOR AEROSPACE COMPOSITE REPAIRS

The **new AHB380D V4 features the most intuitive and user-friendly interface available in the composite repair industry**, ensuring complete autonomy for operators.

This dual-zone hot bonder has been upgraded to deliver **exceptional accuracy** and **reliability** in every curing cycle. Specifically designed for the Aerospace and Defense industries, the AHB380D V4 combines outstanding robustness, advanced data **traceability**, and full compliance with leading OEM **Structural Repair Manuals** (SRMs).



IDEAL FOR

- Aerospace Structural Repairs
- 20 thermocouples - 10 per zone

ADVANTAGES

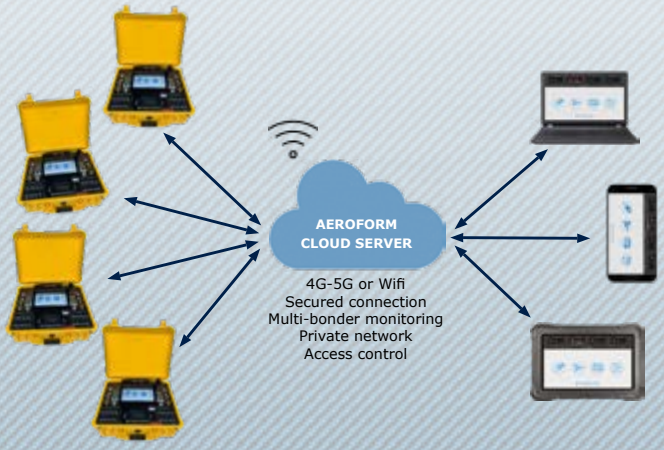
- User Friendly Interface
- Ohmic Resistance Test of Heater Mat
- Thermocouple Testing
- Observation Thermocouples

MAIN FEATURES

- Approved in OEM SRM
- Large Touchscreen Display
- Data Recording every 2 Seconds
- Unlimited Programs
- 2 Low Noise Venturi Vacuum Systems
- 3 types of report : PDF, CSV, TICKET
- Dual Circuit breaker Protection
- Several Operating Languages available
- Unlimited dwells
- Operates on 110-230 VAC

OPTIONS

- Ambient Temp & Humidity Recorder
- Thermocouple Extender (2X10 TCs)
- Aero Cloud Bonding (Remote control)



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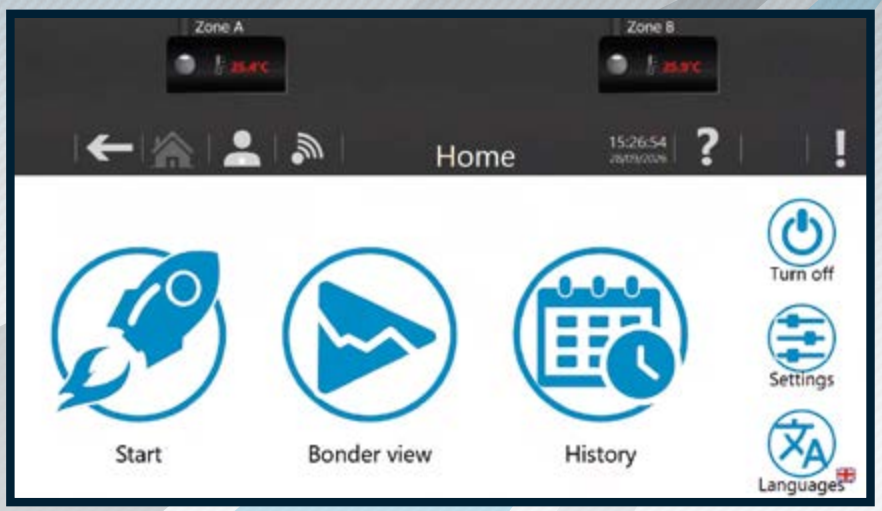
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DUAL ZONE HOT BONDER

AHB380D V4

AEROFORM HOT BONDER HOME SCREEN



- Rapid start up and simplified operation
- Large, High Resolution Touch Screen display

AHB380D V4	TECHNICAL SPECIFICATIONS
Weight	12 Kg
Size	525 x 440 x 210 mm
Display Type	Hight brightness 10.1” TFT Touch screen
Input power	110 to 230 VAC, self-sensing
Input amperage	16 Amp per zone or 32 Amp per zone (AHB380D64-V4)
Control Modes	Hottest / Average / Coldest Thermocouple or TC 1 to 10
Heating Systems	Heater mat, IR Lamp or Hot Air gun
Vacuum System	2 low noise Venturi vacuum generators
Thermocouple type	J or K
Thermocouples per zone	10
USB Port	2 USB ports (memory stick and external devices)
Printer	Matrix printer with paper 57mm width
Report	3 report formats : PDF, CSV and TICKET
Units of measurement	Temperature : F°/C° Vacuum : mbar/bar/mmHg/inHg/PSI/kPa
Alarms & Safety Features	Tolerance Alarm, Over Temperature, Vacuum leakage alarm
Remote Connectivity	Fully compatible with Aero Cloud Bonding for remote monitoring

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