AEROFORM COMPOSITES
Aeronautics Curing Solutions

SINGLE ZONE HOT BONDER | AHB380S V4

THE MOST INTUITIVE AND RELIABLE HOT BONDER FOR AEROSPACE COMPOSITE REPAIRS

The **new AHB380S V4 features the most intuitive and user-friendly interface available in the composite repair industry,** ensuring complete autonomy for operators.

This single-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 AHB380S V4 combines outstanding robustness, advanced data **traceability**, and full compliance with leading OEM **Structural Repair Manuals** (SRMs).



IDEAL FOR

- ✓ Aerospace Structural Repairs
- ✓ 10 thermocouples

ADVANTAGES

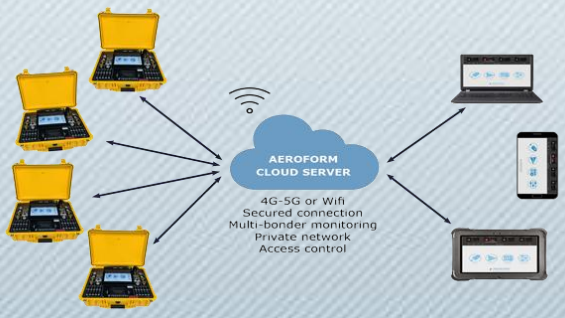
- ✓ User Friendly Interface
- ✓ Ohmic Resistance Test of Heater Mat
- ✓ Thermocouples Testing

MAIN FEATURES

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

OPTIONS

- ✓ Ambient Temp & Humidity Recorder
- ✓ Aero Cloud Bonding (Remote control)



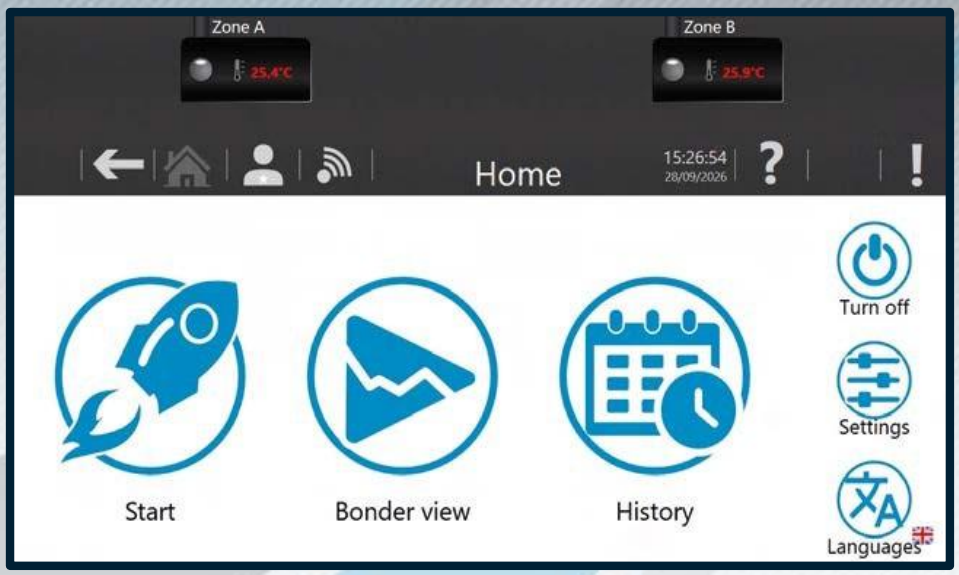
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+33 (0)4 78 86 86 00 | info@aeroform-composites.com
47 rue Jules Guesde - 69230 Saint-Genis-Laval- FRANCE
www.aeroform-composites.com

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AEROFORM HOT BONDER SCREEN



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

AHB380S 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 (AHB380S32-V4)
Control Modes	Hottest / Average / Coldest Thermocouple or TC 1 to 10
Heating Systems	Heater mat, IR Lamp or Hot Air gun
Vacuum System	1 low noise Venturi vacuum generator
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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