

ANIBLADE WIND BLADE REPAIR CONSOLE For FIELD APPLICATIONS

BONDING OPERATIONS

The **ANIBLADE** console has been conceived to provide a means to conduct high quality bonding operations on wind blade structures either, in the **field** or in the workshop.

As such, it has been designed to offer all features called by this process :

- capability to handle large and very large areas
- ease of connection
- ease of cycle definition and start
- compact volume equipment and light weight,
- full safety of operations



MAIN FEATURES

The **ANIBLADE** console is conceived as a **small, handy** equipment for:

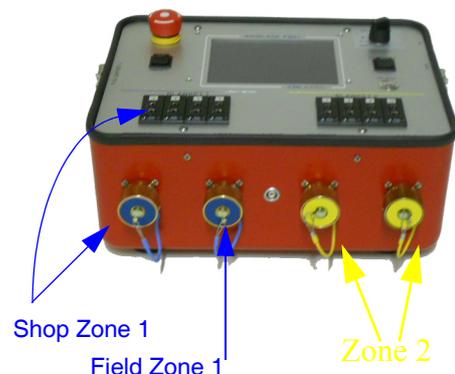
- Controlling **One** repair with a heating blanket of **One** or **Two** zones
- Quick Start of Cycles
- Simple programming of cycles through PC interface
- High visibility screen for process supervision
- USB interface for data logging and analysis on a PC (software GMI- Anitalk delivered)

FIELD AND SHOP APPLICATIONS

The console can receive two types of connections: one designed for field applications and one for the workshop.

For field applications, only one cable links the heating blanket to the console, grouping electrical leads and temperature sensors leads.

When in a workshop, the operator can use classical bonding blankets and standard thermocouple cables.



TECHNICAL SPECIFICATIONS

- Dimensions: W x D x H: 350 x 280 x 170 mm - 13,7 x 11 x 9 in - Weight: 5 Kg - 11 lb
- Volts: 220 or 120 VAC, **automatic switching**
- Power Capacity: **30** Amps x 220 Volts = 6600 Watts or 30 x 120 Volts = 3600 Watts available on two (2) independent **power output**
- **Screen Panel** for process monitoring and control
Dimensions: 115 x 86mm - 4.5 x 3.4 in.
- Sensing precision: temperature better than 0,4 °C /0,8°F

Sensing

- Thermocouple scanning capacity: type J, **4 x 2 channels**

Alarms

- Audible alarm,
- Easy accessible external fuse

Connection to heaters and thermocouples

For Field applications

- Combined power output, grouping all heating elements in one connection.
- Combined thermocouple connector to minimize the number of cables.

*The last option is ideally combined with embedded thermocouples in our innovative **field heating blanket***

For Shop applications

- specific standard connectors for thermocouples : 4 per channel
- specific power connector for **standard shop heating blanket**

DELIVERY

The **ANIBLADE** comes with all its necessary accessories :

- Power cable: 1 unit, length 8 m long
- Blanket cable: for connecting standard shop blankets ; 2 units, length 10 m
- Thermocouple cable: for standard workshop operations, 8 units of 8 meters long , type J
- Cables integrating electrical power and temperature sensing leads : to connect to our innovative field blankets ; 2 units , length 10 meters
- A CD with our PC Anitalk Software
- A User and Service Manual.

REFERENCES TO ORDER

P/N: GMIBL01

INNOVATIVE FIELD HEATING BLANKET

This blanket family has been designed to offer field applications features :

- ease of installation
- ease of vacuum generation and application to the blade surface
- integration of temperature sensors
- ease of connection to the controlling console **Aniblade**

The blanket is constructed with hooking elements to easily transport and transfer it on the repair area . It has integrated elements to prepare the vacuum material lay up.

This family offers various models according to dimensions .



REFERENCES TO ORDER

P/N : GMIHBBIXY-V

X : smaller side in cm ; Y : larger side in cm ; V : 1 under 120 Volts ; 2 under 230 Volts

TRAINING

We offer services to train technicians to blade structure repair.
Consult us for programs and planning.

