



# TECHNICAL DATA SHEET

## GMICBC01-6-2

### Control console “ANIBOLT” for thermo-bolts

#### ► DESCRIPTION

During drilling operations on composite laminate parts there are different damages possible, which are conducting to violation of integrity of laminates, delamination, destroying of a polymeric matrix, and as result – deterioration of composite part. Such damages can occur either at the entrance of the drill, at the exit or internally.



GMI  
AERO

The Heating Bolt Solution has been developed to provide heat for curing the resin applied to repair these damages; compaction forces can be also mechanically generated. Inserted in the hole, the tool provides heat to raise the temperature at the periphery of the hole and in a localized area on the two in / out skins at the temperature about 80°C or at another programmed value. To control the process GMI developed specific electric and electronic interfaces with advanced programmable software. There are two solutions to control Heating bolts according to the volume of simultaneous of the work:

- **Solution 1:** If the customer has a Bonding Console “ANITA”, you may connect directly two bolts above 6 mm or connect between “ANITA” a specific interface to control one bolt with low diameter (from 3 to 6 mm diameter).
- **Solution 2:** If the customer doesn’t have a Bonding Console “ANITA”, you can use a dedicated programmable and power adapted Console for parallel control up to 6 bolt circuits with all possible diameters simultaneously.



Console “ANIBOLT” for control up  
“ANITA”  
to 6 bolt simultaneously



Interface to control one bolt with  
with low diameter (from 3 to 6 mm)



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#### ► TECHNICAL DATA OF CONSOLE

Color: Blue  
Weight: 7 kg  
Size W x L x H: 26 x 41 x 22 cm

#### ► REFERENCES

Reference for order	Voltage
GMICBC01-61	Control console for 120 volts operation
GMICBC01-62	Control console for 230 volts operation
GMICTE-EZ	Individual interface for an “ANITA” Console

#### ► NOTE

For choosing of heating bolts in your diameter please study technical data sheet “Thermo-Bolts”.