

Anita LP01Z makes composite bonding easy

AN INNOVATIVE BONDING CONTROL UNIT

GMI Aero addresses repair workshop and training centers with this new compact and straightforward use Bonding Console. This Anita version comes to complement our rich offer for users who want to implement simple repair bonding with safety, efficiency and productivity. It benefits of all development of GMI in this field.



Provisory representation

THE ANITA LP01Z HEATING CONCEPT

The Anita1Z offers full composite repair capability through very easy concept in terms of connection, programming, sensing, vacuum generation, advanced control and reporting.

ENHANCED FEATURES

In a compact size the Anita LP01Z offers:

- Temperature control for **1 ZONE** power output through **6** thermocouples
- An ergonomic touch screen dialogue
- Simple quick programming of cycles through touchscreen
- Selection of cycles downloaded from PC interface
- Quick Start of Cycles
- High visibility screen for process supervision
- USB interface for cycle data logging and analysis on a PC
- Complete vacuum circuits for pumping and sensing
- Control of heating blankets, radiant panel, air blower.

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 (V*I) : 30 Amps x 220 Volts = 6600 Watts or 30 x 120 Volts = 3600 Watts available on **1 power output**
- **Touch Screen Panel** for process monitoring and control
Panel Dimensions: 115 x 86mm - 4.5 x 3.4 in.

INNOVATIVE FEATURES

- Proportional power output for precise temperature control .
- Watch dog and safety associated circuits for operational security.

SENSING

- Thermocouple scanning capacity: type J, **6 channels**
- 1 Vacuum electronic gauge for bag quality monitoring. This value is monitored permanently, displayed and recorded,

- Sensing precision: temperature better than 0,4 °C /0,8°F; vacuum better than 0,050 bar/1,5 inHg

ALARMS

- Audible alarm,
- Clear messages and alarm Icons on screen
- Easy accessible external fuse

VACUUM GENERATION

- Venturi pump built in : protection for no contamination water or oil internal spill
- high performances;vacuum limit 80 mb; flow : 121NI/mn or 4,3 cfm

PROGRAMMING

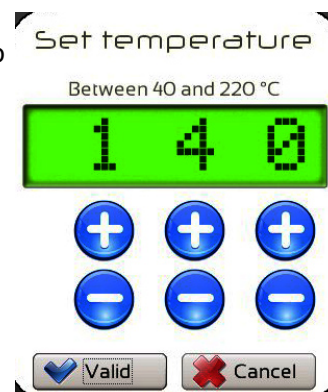
- Full very easy programming of temperature and duration of Ramp up and plateau cycles (see figure)
- Easy selection of other programs in library, downloaded from PC software delivered
- Selection of Units (Celsius - Fahrenheit)

CYCLE DATA ANALYSIS & REPORTING

- Cycles data are stored in memory and can be collected through a USB Key to be analysed on a PC .

CALIBRATION

- Easy calibration through PC dialogue



DELIVERY

The Anita LP01Z comes with all its accessories necessary;
 Content List:

- A Power cable: 1 unit, length 5 m (6 ft.)
- Blanket cable: 1 unit, length 3 m (10 ft)
- Vacuum Silicone Hose: 1 unit for pumping line, length 3 m (10 ft.)
- Vacuum Silicone Hose: 1 unit for return sensing of a bag, length 3 m (10 ft.)
- 2 Vacuum valves,
- Thermocouple cables: Qty 6 ; 3 m long (10 ft.): type J in standard version (type K on request)
- A User and Service Manual.

REFERENCES TO ORDER

- **P/N:GMILP01Z-X**

where X =...

1 => with vacuum valves US



..... or 2 => with vacuum valves European styles



HEATING BLANKETS OR RADIANT PANEL

All types possible. Consult us

