

ECO BONDER

EC16 V4

SINGLE ZONE

Eco Bonder is an economical single zone repair system for the composite parts. It is dedicated mainly for the marine and wind industries or for non structural repair.



IDEAL FOR

- ✓ Repairs with 2 Thermocouples

ADVANTAGES

- ✓ Economic
- ✓ Easy to use
- ✓ Light & Compact
- ✓ Quiet Venturi
- ✓ Safety: circuit breaker
- ✓ 16 Amp & GFCI 30 mA
- ✓ Traceability: Curing ticket

MAIN FEATURES

- ✓ Weight: 4.6 kg
- ✓ 3.5" Touch screen
- ✓ Storage: Last 10 cycles
- ✓ 16 A
- ✓ Matrix printer

INCLUDED ACCESSORIES

- ✓ 2 thermocouples type J or K, 3m
- ✓ 1 compressed air hose, 3m
- ✓ 1 power cable
- ✓ 1 heating mat 300 x 300 mm
- ✓ 2 vacuum hoses

OPTIONS

- ✓ USB **A110PEC16USB**
- ✓ Calibration **A10OPTCALAHBSZ**

SPECIFICATIONS & FEATURES:

PHYSICAL PROPERTIES	
Weight	4,6 Kg
Size	310 x 270 x 200 mm
Display Type	3.5" Touch screen
Input power	100 V to 260 VAC, 50/60Hz
Input amperage	16 Amp
Circuit breaker	16 Amp
GFCI	30 mAmp
Vacuum	Venturi
Vacuum level	900 mBar (26.5 in Hg)
Vacuum measurement	Yes
Thermocouples types	J ou K
Thermocouples	2
Heating systems	Heater mat, IR Lamp, Hotgun
USB Port	In option
Printer	Matrix printer with paper 57mm width

SOFTWARE PROPERTIES	
Multi languages	French/English
Unit of measure	F°/C° mbar/mm Hg/in Hg/PSI
Password protection	Yes
Number of dwell	2
Modify a program in process	Yes
Parameters recorded	Set point, thermocouples, vacuum, amperage
Frequency recording	Every 30 seconds
Control mode	Hottest /Average /Coldest
Power failure recovery	Yes, with a notification on the ticket
Alarm	Visual and audible
Storage	Last 10 cures

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REPORT	
Print out	Yes
Print interval	1 to 99 min
Report Type	Ticket print out

ALARMS	
Thermocouples out of tolerance	Yes
Over temperature	Yes
Low vacuum	Optional
Power failure	Yes



HOME PAGE



Cure N° 171

Prog 

Name 5051

Prog duration : 1H30min

Ref job :

Program configuration



Prog

Nam



Piloting

Nbr level



Action

Level 1	Level 2	Desc/Tol
Rise 1	<input type="text" value="6 °C/min"/>	
Temperature 1	<input type="text" value="60 °C"/>	
Time 1	<input type="text" value="120 min"/>	

Level 1	Level 2	Desc/Tol
Ramp 2	<input type="text" value="3 °C/min"/>	
Temperature 2	<input type="text" value="80 °C"/>	
Time 2	<input type="text" value="5 min"/>	

CURING SETTINGS