

DATA SHEET

Features

- Step-Cure Capable
- Cooling system between cycles (optional)
- MT or Single-Fiber curing
- Flat to Angled internal tilt for Horizontal Curing
- Integrated Thermocouple in fixture for ideal calibration
- INetworkable
- Touch screen interface
- Up to 999 programmable cure schedules for various fiber types

Benefits

- Ramp curing to eliminate fiber cracking especially in Multi-Fiber or large core fibers
- Standardize on one epoxy
- Remote monitoring and programming of ovens
- Precision temperature control

Applications

- Cable Assembly Fabrication
- Medical, Military, Specialized

Also available:



**Piranha EPO-TEK
353ND Epoxy**



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1Cure Epoxy Oven

1Cure™ "The Intelligent Curing System"

Connected Fibers introduces the industry's first intelligent curing oven, the 1Cure™, for both horizontal (MT) and vertical curing applications. The patent-pending 1Cure has both soak and ramp temperature profile curing capability. It features a 4" full color LCD touch-screen, network connectivity with remote programmability and access, and stores up to 999 programs.

The temperature of the actual connector fixture is monitored and controlled rather than the traditional method of monitoring the hot plate eliminating temperature error. It is also available with an optional advanced cooling system for reducing cycle times between ramp cure profiles.

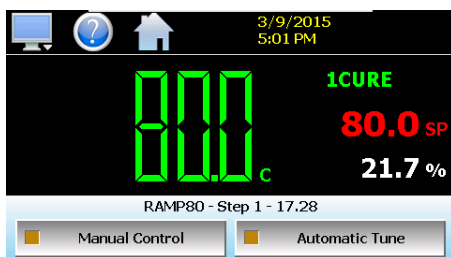
Engineered, Designed and Manufactured by Connected Fibers in the U.S.A.



Patent pending
technology-
#62/058,270



Programmable, Full Color, Touch Screen Command Center



- Password protected user mode
- 4.3" Color touchscreen interface
- Alerts by text or email to assembler or manager when cycle is complete
- All user actions and alarms recorded into audit file
- User friendly icon or menu driven
- Store up to 999 programs
- Alerts for Alarms and Notifications
- Multilingual – up to 27 different languages

Specifications

Temperature Range (Hot plate temp)	Ambient +5°C to 155°C
Temperature Display Resolution	4 digit / 0.1°C
Temperature Uniformity	+/-2°C
Temperature Accuracy	+/-2°C
Horizontal Curing	0° / +15° / -15°

Vertical Curing Capacity	3 Blocks
Horizontal Curing Capacity	24 MT Ferrule 36 LC

Tel: 1-866-899-7953 • Fax: 678-623-0652 • Sales@ConnectedFibers.com • www.ConnectedFibers.com

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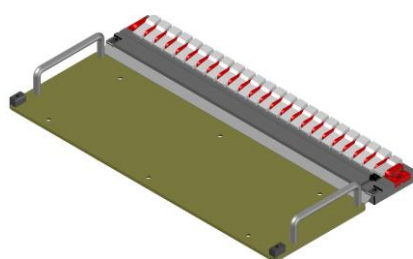


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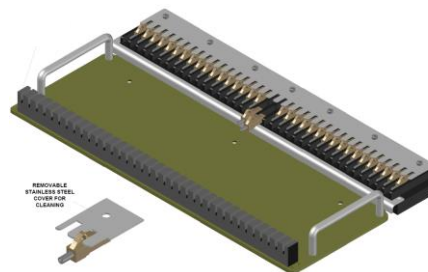


Single or Multi-Fiber Curing

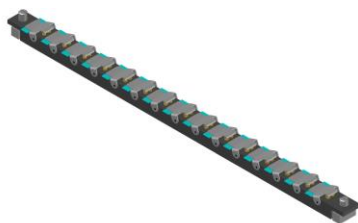
Convertible lid to support vertical curing



OVB-HZMTIP-24 24 position MT Fixture with individual clamps



OVB-HZLC-36 36 position LC Fixture with spring latching



OVB-15P-RBB-DOCK 15 position individual clamps for bare or ribbon fiber



24P-3MM-RD-DOCK and 24P-2MM-RD-DOCK for 3mm and 2mm round cable

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Ordering Information

Model	Description
1CURE-100	Programmable Universal Curing Oven, Rapid Cooling, 120V
1CURE-200	Programmable Universal Curing Oven, 120V
1CURE-200-CE	Programmable Universal Curing Oven, 220V CE Compliant
Curing Trays and Blocks	
OVB-HZMT-24	24-Port MT Tray for Horizontal Curing
OVB-HZMTIP-24	24-Port MT Tray for Horizontal Curing with individual clamps and removable top for easy clean up
OVB-HZUNV-24-UNV	24 Port Universal – For use with FC, ST, ST and LC connectors
OVB-HZLC-36	36 Position Tray for LC connectors
OVB-HZLCU-36	36 Position Tray for LC Uniboot connectors
OVB-24-3SET	Qty 3 24 Port Universal Vertical Curing Oven Blocks
OVB-20-3SET	Qty 3 20 Port Universal Vertical Curing Oven Blocks Compatible with OFS or TE Curing Adapters
Curing Trays and Blocks	
24P-3MM-RD-DOCK	24 Position Cable Clamp for Round Cable diameter 2.9mm-3.8mm
24P-2MM-RD-DOCK	24 Position Cable Clamp for Round Cable diameter 2mm
24P-UNV-RD-DOCK	24 Position V-Groove style cable holder, accepts diameters from 1.6mm to 3mm
36P-UNV-RD-DOCK	36 Position V-Groove style cable holder, accepts diameters from 1.6mm to 3mm
15P-RBB-DOCK	15 individual clamps for ribbon or bare fiber applications, each position capable of clamping on 2 fibers or ribbons

** Additional Blocks & Accessories are available**



Cable Management
Accessory
(ASC-1000-202)

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