1Cure

1Cure™ "The Intelligent Curing System"

The 1Cure-VI-X has been designed with the latest PID temperature controller and is CE certified. The 7-inch touch screen allows the user to easily navigate through the program's interface and select the desired options with a simple touch. The oven maintains a stable temperature within +/-0.2°C allowing you to have complete control of your curing profile. The easily programmable ramp/soak features ensure the maximum strength adhesive bond between the fiber and the ferrule is achieved, ensuring long term performance when deployed in the field.

The range of available oven blocks and fiber curing cassettes accept all standard single fiber connectors as well as the latest VSFF. The fiber curing cassettes allow a connector to be cured before crimping or if there is no crimp by securing the ferrule and clamping on the fiber jacket.
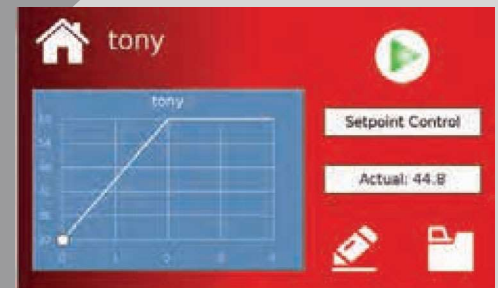
Intuitive software interface
Integrated thermocouple monitors curing block for precise temperature control
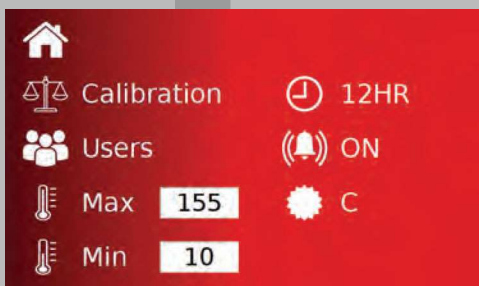
4 Independent timers to maximize small batch throughput

Simple set and actual temperature readout

Simple Ramp/Soak programmability

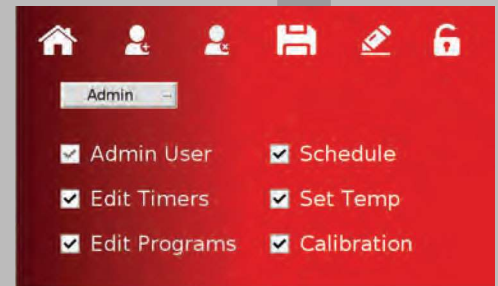Easy to read graph to track profile progress

Simple calibration and Auto-tune function

Easy set up of oven parameters

Schedule feature allows program of oven temperature to start at predefined times and also as a safety feature if unit is left on after a shift has been completed
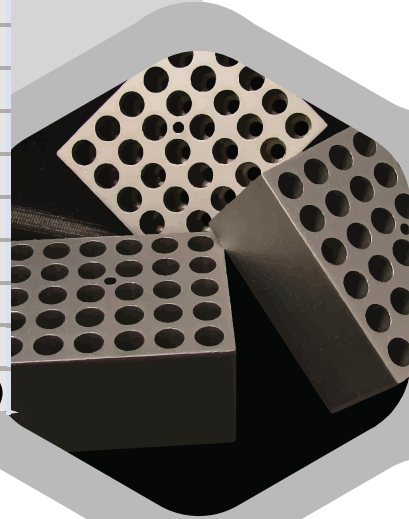*Requires wireless network connection

Prevent unauthorized or accidental changes to parameters.

Simple check-box design clearly shows predefined feature access by user

Specifications

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Temperature Range	+15°C to 155°C
Temperature Display Resolution	4 digits/ 0.1°C
Temperature Uniformity	+/- 2°C
Temperature Accuracy	+/- 2°C
Number of profiles	>99
Number of steps per profiles	>9
Number of Manual Timers	4
Autotune	✓
Temperature Calibration	✓
Built In Scheduler	✓
Audible Alarm	✓
Dimensions	12 x 8 x 4.5 inches
Weight	9.5lbs (4.3Kgs)
Power	100/120V or 220/240V (150W)

Model Part Numbers

1Cure 2 Block 100-120V	1Cure-VI-X
1Cure 2 Block 220-240V (CE)	1Cure-VI-X-CE

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Curing Blocks

Description	Part Number
Curing Block 24 Position (Plastic Fiber Protection Sleeves)	OVB-20-PFP
Curing Block 24 (Fiber Protection Sleeves FC,ST,SC & LC)	OVB-24
Curing Block 12 Position (Uniboot Using Plastic Fiber Protection Sleeves)	OVB-24-UB-PLA
Curing Block 12 Position for Curing Cassettes	OVB-12-CAS

A full range of curing cassettes can be found on the curing cassette data sheet

CONNECTED FIBERS

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