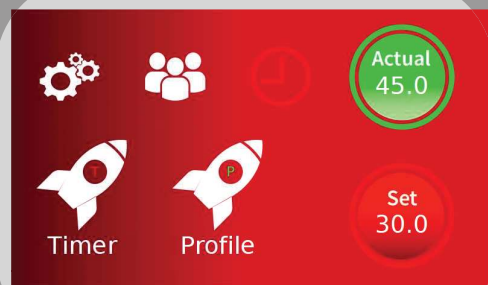


The 1Cure-VI has been designed using the latest PID micro-processor technology combined with a highly intuitive programmable user interface. The 1Cure-VI fiber optic curing oven has extremely stable and uniform temperature across all heating locations. Unlike typical analog ovens that have a drift in temperature of $\pm 15^{\circ}\text{C}$, the 1Cure-VI maintains a stable temperature within $\pm 0.2^{\circ}\text{C}$ allowing you to have control of your process. The range of oven blocks accepts all standard single-fiber connectors and the recently introduced Connected Fibers curing cassettes for the latest compact series of duplex connectors, MIL termini, and any connector type where it is not possible to crimp before curing. The easily programmable ramp/soak features ensure that the maximum strength is achieved in bonding the fiber to the ferrule to ensure long term performance when deployed in the field.



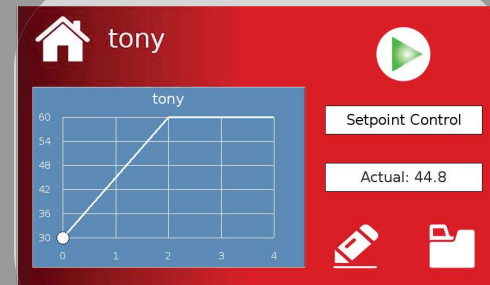
Intuitive software interface

Integrated thermocouple monitors curing block for precise temperature control



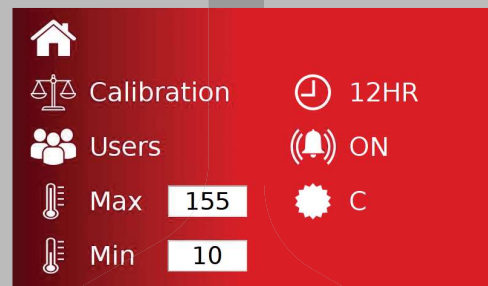
4 Interdependent timers to maximize small batch throughput

Simple set and actual temperature readout



Simple Ramp/Soak programmability

Easy to read graph to track profile progress



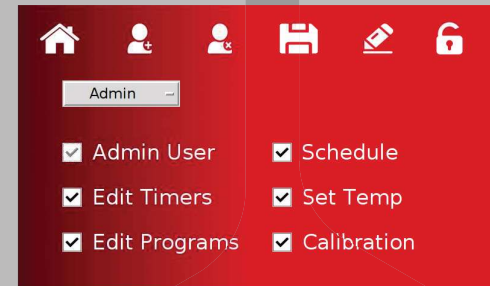
Simple calibration and Auto-tune function

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



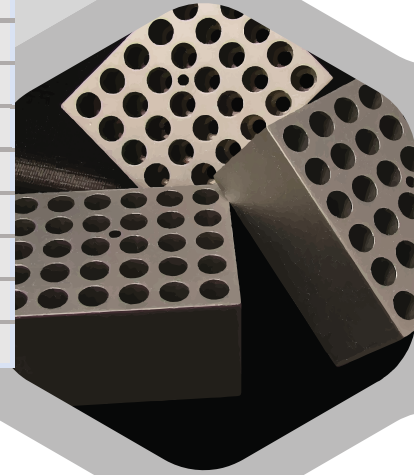
Prevent unauthorized or accidental changes to parameters.

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

Specifications



Temperature Range	+5°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 profile	>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-120
1Cure 2 Block 220-240V (CE)	1Cure-VI-220

Curing Blocks

Description	Part Number
Curing Block 20 Position (Plastic Fiber Protection Sleeves)	OVB-20-PFP
Curing Block 24 Position (Metal 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



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US Patent: # 9,829,648