

# DATA SHEET

## AccuCure™ Epoxy Oven & Cable Management

### Features

- Highly Accurate, microprocessor controlled heating units
- Capable of heating one, two or four position blocks
- Unsurpassed temperature uniformity and accuracy
- Up to 120 connector capacity
- Built in timer

### Benefits

- Digitally controlled, bright green LED display allows for easy set of temperature and time controls
- Precision temperature control for better curing process
- 2-Year Warranty
- Customized heater blocks

### Applications

- Curing of fiber optic connectors
- Telecommunications, Military, Aerospace, Datacomm & CATV

The AccuCure™ has been designed using the latest PID microprocessor technology resulting in a fiber optic curing oven with extremely stable and uniform temperature across all heating blocks. Unlike typical analog ovens that have a drift in temperature of  $\pm 15^{\circ}\text{C}$ , the AccuCure maintains a stable temperature within  $\pm 0.2^{\circ}\text{C}$  allowing you to have control of your process. The universal block accepts all standard, single-fiber, connector types making this oven a flexible solution for many applications.



### Performance Specifications

	One Block ACD-20, ACD-24	Two Block ACD-40, ACD-48	Four Block ACD-80, ACD-96
Temperature Range	Amb+5 to 150°C	Amb+5 to 150°C	Amb+5 to 130°C
Increments & Display Resolution	0.1°C	0.1°C	0.1°C
Temperature Uniformity	$\pm 2^{\circ}\text{C}$	$\pm 2^{\circ}\text{C}$	$\pm 2^{\circ}\text{C}$
Temperature Accuracy	$\pm 0.2^{\circ}\text{C}$	$\pm 0.2^{\circ}\text{C}$	$\pm 0.2^{\circ}\text{C}$
Timer Function	Off or on to 999 minutes, 1 minute increments		
Electrical	100 W	150W	300W
Dimensions & Weight	9" x 8" x 3"; 7lbs	10" x 9" x 3"; 8lbs	14" x 9" x 3"; 10lbs

### Also available:



**Piranha EPO-TEK  
353ND Epoxy**



Call now to place  
your order:  
1-866-899-7953



### \*NEW\* Cable Management Arm

The New cable arm pairs perfectly with all AccuCure models. Made from steel for durability and stability. Additional retainer bars can be purchased separately..

Part Number	Description
ASC-1000-200	Cable Management Arm
ASC-1000-204	Optional Cable Bar



Cable Management Arm shown with ACD-96

Use as standalone fiber handling

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Also available:



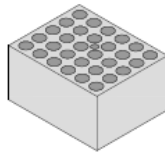
**Piranha EPO-TEK  
353ND Epoxy**



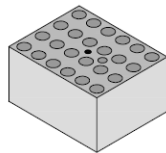
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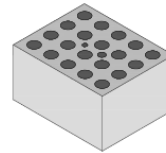
## Heater Block Specifications



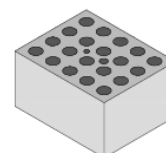
OVB-001



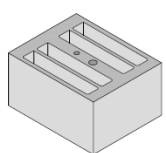
OVB-002



OVB-003



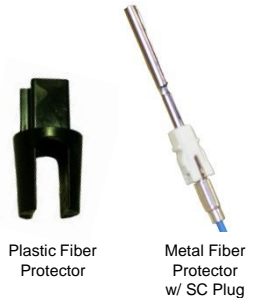
OVB-004



OVB-005

\*Custom Blocks available\*

Drawing Number	Description
OVB-001-101	30-port Heater Block (Max. Capacity), for metal fiber protectors
OVB-002-101	24-port Heater Block (Standard), for metal fiber protectors
OVB-003-101	20-port Heater Block (Standard), for plastic fiber protectors
OVB-004-101	40-port Heater Block (Uniboot x20), for metal fiber protectors
OVB-005-101	24-port Toaster Heater Block (Uniboot), for plastic fiber protectors



Plastic Fiber Protector

Metal Fiber Protector w/ SC Plug

\*Sleeves Available for Purchase\*

## Ordering Information

Part Number (120V)	Part Number (230V)	Description
<b>AccuCure Digitally Controlled Curing oven with Standard OVB-002-101 Block</b>		
ACD-24	ACD-24-2	AccuCure™ w/ 24-Port Oven
ACD-48	ACD-48-2	AccuCure™ w/ 48-Port Oven
ACD-96	ACD-96-2	AccuCure™ w/ 96-Port Oven
<b>AccuCure Digitally Controlled Curing oven with Standard OVB-002-101 Block and Cable Management Arm</b>		
ACD-24-CM	ACD-24-2-CM	AccuCure™ w/ 24-Port Oven and Cable Arm
ACD-48-CM	ACD-48-2-CM	AccuCure™ w/ 48-Port Oven and Cable Arm
ACD-96-CM	ACD-96-2-CM	AccuCure™ w/ 96-Port Oven and Cable Arm
<b>AccuCure Digitally Controlled Curing oven with OVB-003-101 Block</b>		
ACD-20	ACD-20-2	AccuCure™ w/ 20-Port Oven
ACD-40	ACD-40-2	AccuCure™ w/ 40-Port Oven
ACD-80	ACD-80-2	AccuCure™ w/ 80-Port Oven
<b>AccuCure Digitally Controlled Curing oven with OVB-003-101 Block and Cable Management Arm</b>		
ACD-20-CM	ACD-20-2-CM	AccuCure™ w/ 20-Port Oven and Cable Arm
ACD-40-CM	ACD-40-2-CM	AccuCure™ w/ 40-Port Oven and Cable Arm
ACD-80-CM	ACD-80-2-CM	AccuCure™ w/ 80-Port Oven and Cable Arm

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