



28 Compartment Model CLG

ELASTEK ElasTek Products
by CCSi

CCSi features this solid cast aluminum block aging oven to perform individual compartment aging tests on natural and synthetic rubber, silicones and other organic elastomeric materials in conformance with [ASTM D471](#) and [ASTM D865](#).

The ElasTek™ Block Oven features an optional water cooled reflux condenser, which reduces the need for constant monitoring of fluid levels and virtually eliminates the hazardous build-up of volatile gases. The integral electrical heating elements further reduce the hazards associated with heating volatile fluids.

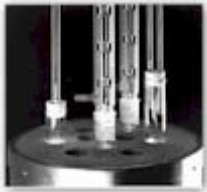
The cast aluminum block is encapsulated in insulation and encased in a stainless steel jacket to ensure temperature uniformity. Uniform heating is provided by high watt electrical heaters that are regulated with state-of-the-art P.I.D. temperature controllers.

Access to each compartment is made by removing the convenient insulating pad and stopper. A test specimen may be removed without disturbing those in other compartments. The 300 x 38 mm (standard sized) glass containers are configured to allow natural, controlled rate ventilation, or employ the optional water-cooled reflux condenser.

ElasTek™ Aluminum Block Oven: Features

- Cross-contamination of samples is eliminated by individual test compartments;
- Solid block aluminum is cleaner and safer than oil baths, and transfers heat at a faster rate;
- Round design provides a more constant and uniform heat transfer than square block ovens;
- High 'R' factor glass fiber insulation reduces heat loss and electrical consumption;
- '304' stainless jacketing for corrosion protection and ease of maintenance;
- ASTM D471 and D865 tests can be run simultaneously;
- P.I.D. temperature controllers provide superior control;
- Water cooled reflux condenser reduces constant monitoring of liquid levels and build-up of volatile gases;
- High watt density heaters for longer service life and superior performance.

ElasTek™ Aluminum Block Oven: Specifications & Accessories

Model:	CLG	
Test Compartments:	28	
Dimensions:	558.8 x 622.3 Ø mm	
Temperature Range:	37.8 – 260 C°	
Temperature Accuracy:	± 0.3 C°	
Temperature Uniformity:	± 0.5 % of Set Point	
Temperature Control:	Programmable P.I.D.	
Power Input:	220 VAC, 1 PH	
Electric Heaters:	6000 Watt	
Net Weight:	161 kg	
Available Accessories:	ASTM D471	ASTM D865
	 <p>CLG24: 38 x 300 mm test tubes CLG25a: Single hole stoppers CLG27a: 15 mm reflux tube CLG92: Water cooled condenser CLG93: Condenser test tube</p>	<p>CLG24: 38 x 300 mm test tubes CLG25: Two hole stoppers CLG26: 9 mm short vent tube CLG27: 9 mm long vent tube</p>
List Price:	Please Submit a Request for Quotation (RFQ)	