

PHOTON

Steam Aging System

Hentec Photon Steam Aging Systems are designed for artificial aging of all electronic components and circuitboards. The Photon is offered in 2 configurations; the standard offers a single steam chamber for large components or an optional drawer system with 3 individually timed, ESD protected drawers with a unique closure mechanism that reduces steam escapement during drawer removal. All systems provide complete monitoring and control of steam or water temperature and feature automatic timing throughout the duration of the test.

Photon

Steam Aging Systems

Steam Management

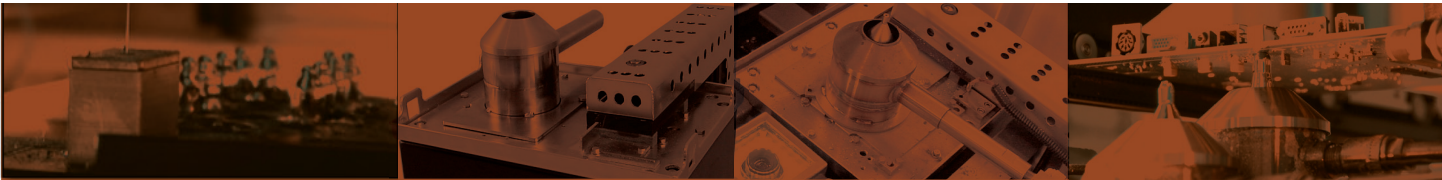
Operation	Automatic
Test Duration	8 Hours Standard Emulates 1 Year Aging Duration Timer (1-99+ hours)
Thermocouple	Selectable Thermocouple (Water or Steam)
Accuracy	± 3°C
Steam Chamber Insulation	High-Density Ceramic Wool
Standard Process Area	(W x L x H) 12 x 12 x 2+” 305 x 305 x 50+ mm
DX Process Area 3 Drawers	Each Drawer is Configurable (W x L x H) 3 x 9.5 x .86” 76 x 305 x 51 mm

Operation

Programming	Touch Screen
Temp Control	PID Proportioning (0-100°C)
Water Capacity	1.25 gal liters
Pressure Regulator	5 PSI Max Regulator Pressurized Configuration
Data Recording & Export	Option Export Download

Safety	Automatic Low Water Shutdown
	High Water Overflow to Drain
	Over Temperature Shutoff
	Caution Light >40°C

Physical	110vac 1Ø 50-60hz 15amp
Electrical	Stainless Steel Epoxy Coated External Surfaces
Construction	UL and CE Labeled
Certification	Demineralized or Deionized ONLY
Water Type	Specify Pressurized ¼” Pipe (female)
Plumbing Connection	(W x D x H) 24 x 16 x 18” 615 x 410 x 460 mm
Footprint	40 lbs 18 kgs



Free software upgrades | 1 year system warranty

