



Photon Steam Aging System



The Hentec Photon Steam Aging System is designed for artificial aging of all electronic components and circuit boards. 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 System

Artificial Aging Test

Steam Management

Operation	Automatic
Test Duration	8 Hours standard Emulates 1 year aging Duration timer (1-99 hours)
Thermocouple Accuracy	Selectable thermocouple (water or steam) ± 3°C Steam
Standard Process Area	(W x L x H) 12 x 12 x 2"
Optional Process Area Drawers	3 Drawers Each with 3 configurable sections (W x L x H) 3 x 10 x .86"

Operation

Temperature Control	100°C Max PI proportional
Programming	Touch screen HMI
Water Capacity	1.25 gallons
Pressure Regulator	5 PSI max regulator Pressurized configuration
Safety	Automatic low water shutdown Over temperature shut off

Physical

Dimensions	(L x W x H) 24 x 19 x 18"
Electrical	110 VAC 1Ø 60hz 15 amp
Construction	Stainless steel wet surfaces Epoxy coated external surfaces
Water Type	Demineralized or deionized water only
Plumbing Connection	Specify Carboy 1/4" poly quick connect Specify Pressurized 1/4" pipe (female) Drain 1/4" pipe (female)
Compliance	Meets CE, UL, and NRTL standards

RPS

HENTEC INDUSTRIES