BURN-IN AND ACCELERATED AGEING BENCH

CLIMATE TESTS AND QUALIFICATION SYSTEMS

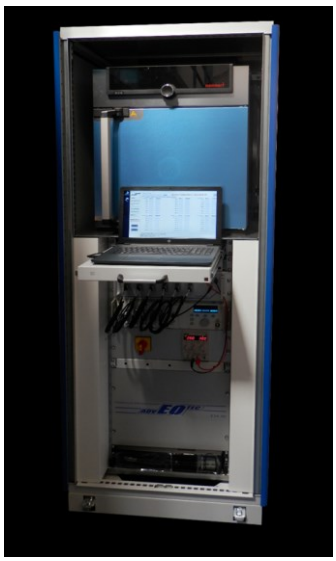
EVA – 100 OPTIQUES

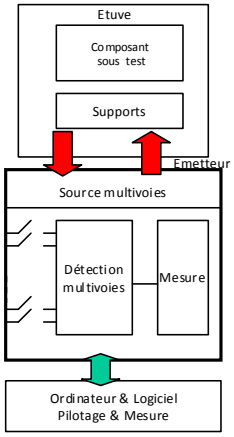
DESCRIPTION

The EVA bench by AdvEOTec enables to burn-in or carry out the accelerated ageing of optical components in a controlled environment. It is designed to adapt to multiples applications according to the user's need.

Equipped with a high-performance heat chamber, a computer, its acquisition and visualization software, standards or specific instruments, it enables to carry out evaluations, qualifications and burn-in sequences on optical components or subset.

It is built, assembled and tested in our workshops and laboratories.





Your components

Sources : Laser diodes, LED…
Detectors : Photodiodes, phototransistors, optocouplers….
Optical functions : Modulators, Bragg grating
Optical fibers,
Optical passive components
Electrical passive and active components

Applications

Evaluations and qualifications of components
R&D and components reliability
Tests laboratories
Entry and production control
Component burn-in

MAIN CHARACTERISTICS

Specifications

- Climatic chamber Hot Cold Humidity
- Standard 19" system with power supply
- Computer + Acquisition and visualization software
- Inverter
- Storage drawer
- Standard hardware location

Advantages

Easy and quick to use
Adapted to different environments
Adapted to different components/supports
Control, visualization and archiving by dedicated software
Configuration of measurements by files
Measurements datas in ASCII file

TYPE	DESCRIPTION
Monitoring	Voltage, Dark current Optical power Photocurrent Insertion loss Temperature Peltier effect modules regulation

TYPE	DESCRIPTION
Package	Butterfly DIL Chip on Submount Special frame on request
Chamber	Heat 300°C max / Cold -55°C min Humidity 100% max / Thermal cycling

Safety & Training

AdvEOTec offers a training and implementation assistance for the use of its equipment.

Control

Control and measurements, software, curves, raw datas, time-stamping, archiving,…

**Other configurations, contact us…*

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