

New

AVliteCure™ LT Series



- **Handheld Fibre Optic Oven**
- **Fast Curing**
- **Battery Operated**
- **Programmable Controller**
- **Secure Termini Clamping**

High Performance Fibre Optic Curing Oven

The AVliteCure™ is a field deployable portable oven used to precisely cure epoxy adhesive during the fibre optic manufacturing process. Its robust and ergonomic design can be easily used by an operator in confined spaces and harsh environments.

The oven uses a unique combination of light and heat to rapidly cure standard fibre optic epoxies in a fraction of the standard time whilst still achieving the same quality of a traditional cure.

The oven is compatible with most commercial and military fibre optic termini - including ARINC and MIL specifications.

The digital programmable controller on the LT200 ensures accurate and repeatable cure profiles, removing operator variations and errors from the curing process.

Oven Options:

★ **LT100-AB**

- Includes AVoptics pre-programmed profiles developed in conjunction with suppliers.

Key Features and Benefits

- ★ **Fast cure times**
Cure times of just six minutes can offer the same quality bond as a 60 minute cure in a standard oven.
- ★ **Handheld and portable**
Battery powered using a sealed rechargeable lead-acid battery.
- ★ **Cure profile memory**
Up to 25 programmable curing profiles can be stored and recalled from memory.
- ★ **Easy to use**
Compact design with clear LCD display and large buttons for gloved operations.



Compatible Connectors

- * LuxCis™ (ARINC 801)
- * Elio™ (ARINC 801)
- * MIL-PRF-29504
- * MC-5
- * MC-3
- * HA / RSC / MFM

Compatible Cables

- * EN4641-301
- * JN1008-B-LA
- * ARINC802
- * GSC-13-83935-00

** Please enquire if your connector or cable type is not listed **

Multi-Platform Applications

The AVliteCure™ system has been designed to work in the most challenging of situations; underground, in an aircraft or vehicle or just in a production area. To aid this controls are simple, displays and indicators are clear and easy to read. The oven is compact and ergonomically designed.

The oven has been extensively tested using numerous termini including the ARINC 801 ('LuxCis' and 'Elio') fibre optic termini and the RSC and HA. The oven is compatible with most commercial and military fibre optic termini - including ARINC, EN and MIL specification.



Cables and termini are easily loaded and securely held in the oven during the setup and cure process to ensure the best quality bond.

Ordering Information

LT100-AB-NC (NC - if no case is required).

Comes with:

Cable adapters for 1-2mm jacket OD
Termini clamp for 1.25 to 3.2 mm ferrules
Controller
Curing Head
Interconnecting lead
Charging lead
Table stand
Small tripod