

- The new iTest LT from Terotest is a purpose built ATE System designed for End of Line testing of Ballasts and Emergency lighting products.
- Based around the standard iTest 20 or 10 Slot ATE platform the system uses a removeable Dual Load/Unload Cassette based test fixture to maximise test throughput.
- Interchangeable cassettes have been developed as a low cost way of interfacing to the many different types of Lighting products.
- The fully safety interlocked fixture is also an all in one Functional , Flash and Earth Bond test station.
- AC mains simulation is performed via a multi output AC module which gives five different AC mains voltages and removes the need for an expensive AC Source. In addition all five of these voltages are provided at 85% and 60% to enable mains drop out testing.
- A Battery Simulator is provided giving an automatic Charge/Discharge function. Able to provide up to 30V and 10A this is ideal for testing battery decay.
- A Dali Comms board is also available which can be used for Dali Communications testing or Product Setup prior to shipment.
- Both Resistive and Active loads can be used to simulate tube sizes up to 80W (larger sizes also possible) and if required Integrated Ballast testing is also possible.
- Up to 10 Loads can be fitted to any single load card and the system can take up to 10 Load cards.
- LED Products can be tested on the same equipment using real or simulated loads.



iTest fixtures can be supplied for testing most types of product. The one seen on the left is for testing emergency lighting ballasts in high volume.

The “dual well” allows the operator to load one side whilst the other is testing.

The system has dual safety interlocks that ensure that no potentially dangerous voltages are present.

A cassette mechanism is used to enable very fast change-over to new products - whilst keeping costs to a minimum.

Tel: +44 (0) 1462 742499

[www.terotest.com](http://www.terotest.com)

If you thought you couldn't test it.....talk to us !