

## Loadbanks & Transformers for Shipyards

**Crestchic** – Worldwide loadbank specialists since 1983, providing AC & DC loadbanks around the world for more than 3 decades.

Crestchic loadbanks are widely used for the testing of Gensets - Gas Turbines - UPS & DC systems. Crestchic's loadbanks and transformers are popular with shipyards around the world, with over 30 years' experience gained from supplying rental and sold loadbanks into the global marine and shipbuilding sector.

These containerised loadbanks and transformers are highly specialised, tailored to meet the demanding shipyard and marine environment. Crestchic containerised loadbanks and transformers incorporate an innovative design making them:-

### RUGGED - COMPACT - WEATHERPROOF - HIGH SPECIFICATION and SCALABLE

Containerised loadbanks resistive/reactive available	Containerised transformers available	Combined loadbank & transformer available
1000 - 6250kVA 380 - 690V	1000 - 8000kVA 3.3 - 36kV	1000 - 6250kVA 3.3 - 36kV

#### Key Features Available

- ISO containers Lloyds approved
- DNV & ISO lifting points
- Hi-cube containers
- Multi-tap voltage options
- Test supply live beacon
- Door open alarm
- Scalable equipment for large MVA requirements
- Remote telemetry equipment interrogation
- Internal temperature monitor
- Manual backup basic control (loadbanks only)
- Roof access ladder
- Remote emergency stop facility
- Grill covers
- Power locks
- Micro-processor controlled (graphs & reports)
- MV switchgear protection (with/without MV monitors)
- LV switchgear protection
- Marine paint coating protection as standard
- Choice of RAL/BS colours
- Internal bulkhead lights
- Anti-condensation heating
- All weather operation electrical sections to IP55
- Modbus TCP/IP interface (loadbanks only)



Crestchic loadbanks and transformers available for sale or rental

## Crestchic Product Overview



### AC Resistive-Reactive Loadbanks

- 1000kVA - 6250kVA
- 380V - 690V Range
- Lloyds Register Approved 10 & 20 foot ISO Containers



### Transformers

- 1000 kVA - 8000kVA
- Multi-voltage containers
- Transformers complete with HV & LV Switchgear
- Voltages to 36kV
- Step up/Step down



### MV Combined Unit

- 1000kVA - 6250kVA
- Loadbank and transformer in one ISO container
- Reduced footprint
- Voltages to 36kV

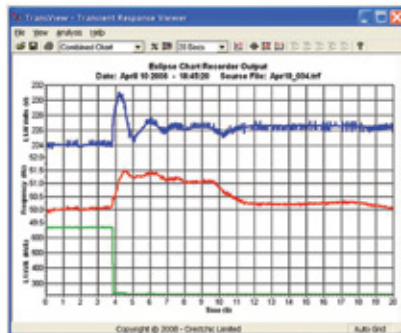


## Loadbank Controls

### Crestchic Hand Held Terminal (HHT100)/'Eclipse®' microprocessor for P.C.



With our enhanced microprocessor based 'Eclipse®' control system comes a greater level of control and flexibility, this can be combined with our PC software package to offer data capture of transients during generator test.



- Automatic load control gives the ability to create flexible and variable test profiles, which can be saved and run at a later date
- Load expressed as percent of supply or actual load
- Motor load ('M' load) automatically calculated
- Test program editor supports load ramping (load applied gradually over the time entered); automatic data capture as load change is performed; easy verification of test program from within the editor with single stepping

Also available: Modbus® - TCP/IP for Industrial Ethernet (loadbank only)

**For further information contact:**  
Crestchic Limited  
Second Avenue, Centrum 100  
Burton-on-Trent,  
DE14 2WF  
United Kingdom

**Tel** +44 (0) 1283 531645  
**Fax** +44 (0) 1283 510103  
sales@crestchic.co.uk  
hires@crestchic.co.uk  
service@crestchic.co.uk  
**www.crestchic.co.uk**

The information given in this literature is, to the best of our knowledge, correct at the time of going to print. However, Crestchic is constantly looking at ways of improving their products and services and therefore reserve the right to change, without prior notice, any of the data contained in this publication. Any orders placed will be subject to our Standard Conditions of Sale, available on request. Crestchic is part of the NBI group of companies.

