

# GlobeHeat Datasheet : Product Code GHT 1203



## Product Description: 50kVA Six Way, Heat Treatment Centre with One PTC160 Programmer, Six P159TDA Programmer/Controllers, a Chino 12 Point Recorder and Six Ammeters

This 50kVA, six channel unit provides six output channels of power and temperature control of up to eighteen, 65V, 45A, 2.7kW ceramic heating elements for preheating or post weld heat treatment of pipe or fabrication welds or other fabrications where controlled heating is required. The heat treatment process is controlled by a built in PTC160 six channel programmers for six channel program automatic control and six single channel P159TDA programmers for individual channel auto control or manual control. Recording is provided by a 12 channel, Chino EH3127-001 temperature chart recorder

### Applications

The unit has been designed and manufactured for use on site in a variety of global industrial environments or inside a workshop. The chassis trolley design enables the unit to be easily moved around in typical site conditions.

### Features

- The front control panel includes:
  - \* one PTC160 six channel controller/programmers
  - \* six P159TDA single channel controller/programmers
  - \* one twelve channel Chino EH3127-001 temperature recorder
  - \* six ammeters
- The rear panel includes:
  - \* six type K thermocouple panel mounted input sockets
  - \* moulded case circuit breaker (MCCB)
  - \* twelve 0V and 65V output, 300A, panel mounted twistlock sockets.

Specification	
Primary Input Supply Voltage (and Current )	Three phase, 380V (75A) , 415V (69A) or 440V (65A)
Frequency	50/60Hz
Secondary Output Voltage	65V a.c.
Transformer coil	50kVA Natural air cooled, class H.
Maximum total number of 2.7kW ceramic heating elements	Eighteen
Maximum 2.7 kW heaters per channel and per phase	Three per channel : Six per phase.
Protection	Over temperature sensor in each winding and 3 phase MCCB with shunt trip.
Thermocouple Input and output	Type K (NiCr/NiAl)
Secondary 65V output connectors	Twelve 300A panel mounted twistlock sockets.
Auxiliary Outputs	Two 110V auxiliary sockets.
Case	Mild steel, blue powder coated. (stainless steel available on request)
Dimensions (including wooden packing box)	112cm x 98cm x 132cm
Weight	420kg
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001