

GlobeHeat Datasheet : Product Code GHT 1209



Product Description: 100kVA Twelve Way Heat Treatment Centre with Two PTC160 Programmers, Twelve P159TDA Programmer/Controllers, a Chino 12 Point Recorder and Twelve Ammeters

This 100kVA, six channel unit provides twelve output channels of power and temperature control of up to twenty-four , 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:
 - * two PTC160 six channel controller/programmers
 - * twelve P159TDA single channel controller/programmers
 - * one twelve channel Chino EH3127-001 temperature recorder
 - * twelve ammeters
- The rear panel includes:
 - * twelve type K thermocouple panel mounted input sockets
 - * moulded case circuit breaker (MCCB)
 - * Twenty four 0V and 65V output , 300A, panel mounted twistlock sockets.

Specification	
Primary Input Supply Voltage (and Current)	Three phase, 380V (152A) , 415V (139A) or 440V (131A)
Frequency	50/60Hz
Secondary Output Voltage	65V a.c.
Transformer coil	100kVA Natural air cooled, class H.
Maximum total number of 2.7kW ceramic heating elements	Thirty six
Maximum 2.7 kW heaters per channel and per phase	Three per channel : Twelve 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	Twent four 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)	116cm x 116cm x 150cm
Weight	620kg
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001