

Isotech Controllers and LabVIEW

Introduction

The majority of temperature controllers used in Isotech Dry Blocks, Baths and Furnaces are manufactured by Euortherm.

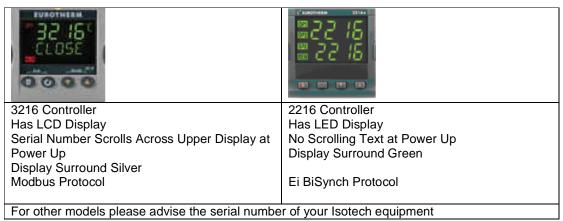
The controllers feature special firmware to improve the accuracy and user interface for Isotech equipment.

The communications protocol remains unchanged and Eurotherm documentation will be helpful for those writing software.

The Eurotherm controller will feature either Eurotherm Ei BiSynch protocol or Modbus.

The older 808 and 22xx family of controllers have used Ei Biysnch, the newer controllers and all Isotech Portable Dry Blocks produced since 2006 have used Modbus.

Identification



Drivers

We have Ei BiSych Drivers for Labview, up to 6.1 available on the website http://www.isotech.info/software/labview/

Modbus Drivers

http://www.eurotherm.co.uk/labview/

Other drivers can be found at www.ni.com

Search the Instrument Driver Network: http://www.ni.com/devzone/idnet/

Documentation

The Eurotherm "2000 Series MODBUS and EI-BISYNCH Digital Communications Handbook (HA026230 Issue 2) (567 KB)" describe both protocols. It is available from the Eurotherm Document Library.

http://www.eurotherm.co.uk/document-library/

Trouble Shooting

Isotech equipment includes Cal Notepad Software, this supports both Ei Biynch and Modbus Protocol and can be used to verify the protocol and cable.

