

150 to 1100°C

Special Application

Pegasus-T

- High Temp. Thermocouple Calibration Furnace
- Custom Furnace Design with Optimised Profile
- Calibrate Whole Measurement Loop

The Pegasus range offers extreme high temperature calibration in an easy to use portable package - ideal for the calibration of high temperature thermocouples. It has been designed for fast heating and finds applications in the glass, electrical power, automotive and material processing industries.

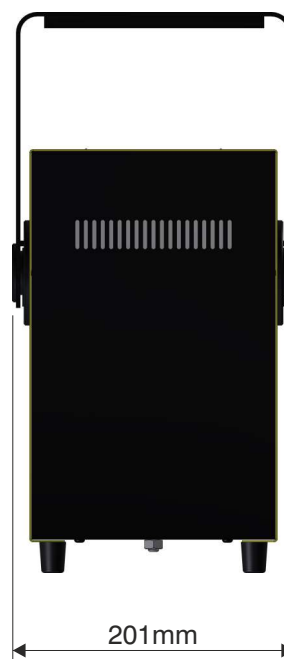
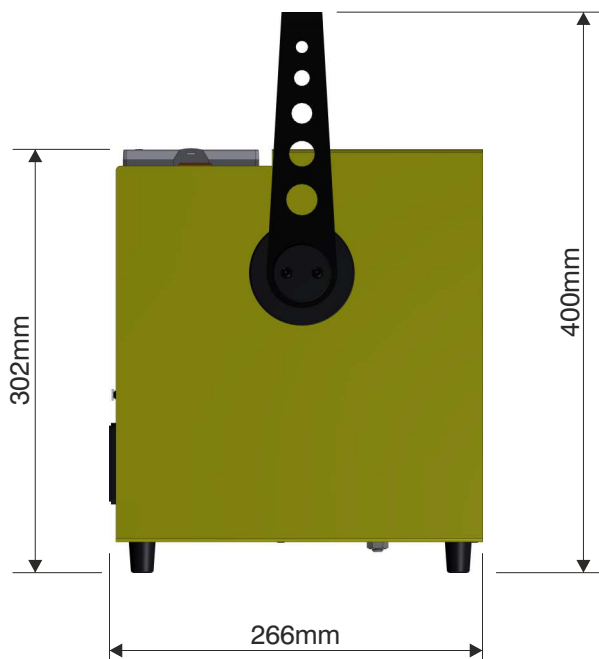
This Pegasus has been specially designed with three independent loops of control.

These can be independently adjusted according to immersion depth of the UUT. The range is 25mm, 35mm and 50mm immersion. These can be switched via the controller interface.


It also has built in over-temperature protection to protect the heater wire from over-temperature thus increasing life expectancy.

The 853T has the same external dimensions as the original 853 Pegasus.

Advanced features include: Data logging, Ethernet interface and USB host port.



Parameter	Model
	853T Pegasus-T
Temperature Range	150°C to 1100°C
Stability	±0.05°C @ 150°C ±0.8°C @ 1100°C
Display Resolution	0.1°C over whole range
Input Channel Accuracy / Thermocouple	R: ±0.6°C
CJC Accuracy	±0.35°C
Input Channel Accuracy: RTD	±0.05°C ±0.005% RDG
Cools from 1100°C to 800°C 1100°C to 200°C	In 50 minutes In 180 minutes
Heating Rate	25°C / minute
Calibration volume	33.5mm diameter by 130mm deep
Indicator Units	°C, °F, K
Power	230Vac (50/60Hz) 800 Watts
Dimensions	384mm H (including handle) x 212mm W x 312mm D
Weight	13kg

	ADVANCED
	
Digital Display of Set and Nominal Block Temperature	Yes
PC Interface	Ethernet + USB Host
Independent Temperature Indicator for Reference Probe	Yes
Additional Inputs for Units Under Test	Type R Thermocouple Socket
Automatic Temperature Cycling	Yes
Data Logging	Yes - Export to USB
Offset Elimination	Yes - block can follow reference input
Choose English, French, Italian or Spanish Language	Yes - on full colour display
In Built Web Server	Yes
Tamper Proof Data	Yes - suitable for life science, automotive and aerospace applications
Control Loops	Three Switchable via the controller interface
Heater Protection	In-built alarm to protect heater wire from over temperature