

TT1200 Digital turbine temperature tester. The TT1200 is Barfield's latest digital turbine temperature test set. It is a completely self-contained, battery powered unit housed in a new high visibility enclosure. Among its design features are simplicity of operation, direct reading, and multi-function versatility. The TT1200 is a self monitoring, easily portable temperature and resistance measuring and simulating device for all Chromel-Alumel (CH-AL) systems and includes the capability to bench test indicators. The Barfield TT1200 has sufficient sensitivity and accuracy to test thermocouple and system resistance, insulation, and indicator calibration. The TT1200 is capable of measuring system lead resistance or individual thermocouples to 0.001Ω and insulation breakdown to 200 MΩ. The test set can perform indicator run-outs with a range of 1200°C, resolution of .1°C or 1°C with an accuracy of ± .3°C. The tester can also display the equivalent millivolts and may also be used as a master indicator.

The TT1200 meets or exceeds all of the operational capabilities of the popular Barfield TT1000A but also includes many features like: a millivoltage display as well as the standard °C, temperature range to 1200°C, has nearly 4 times the accuracy of the TT1000A, eight resistance/insulation ranges and the resistance resolution increased to 0.001. The 45 V battery used for insulation testing has been replaced with four common "AA" batteries which are easily accessed through the front panel.

Features:

- Self-contained battery-operated test set
- 4½ digit LCD display
- Automatic ambient temperature correction
- Temp. measurement and simulation at 1 or .1°C
- Provides an accurate measurement or simulation of a thermocouple output in °C or mV
- Resistance measurements from 0.001Ω, Insulation to 200MΩ
- Simulates thermocouple outputs and system lead resistances from 2 to 25 ohms



An example of the aircraft equipped with temperature indicators which have a range beyond 1000°C include:

- Beech KingAir 200 and subsequent
- Beech 1900 series
- Dehavilland DHC-8
- Cessna Caravan
- Lockheed C-130
- Piper Cheyenne

Note: Extended temperature ranges are not limited to the listed aircraft.

Part No.	Weight	Height	Width	Depth
TT1200	5.4lbs. (2.4kg)	6.5" (16.5cm)	9.3" (23.6 cm)	7.0" (17.8cm)

Options & Accessories for TT1200.

Part No.	Description
101-00924	Cable for adapting an existing TT1200 to millivoltage doubled systems.
102-00922*	GE CF6-80 series engine adapter kit
102-00923*	GE CF6-6, -50 series engine adapter kit
102-00924*	Millivoltage doubled system adapter kit
102-00925*	Westland Lynx indicator adapter cable kit
102-00926*	Boeing indicator adapter cable kit
102-00927*	Lewis indicator adapter cable Kit

* Kit Includes a TT1200 and associated adapter cables