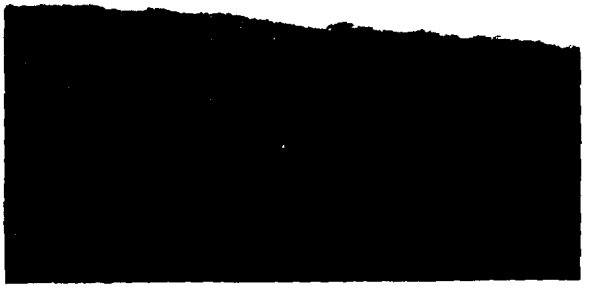
Operator's Manual
for
Model TP04010A ThermoStream® Systems

Revision C



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1-2 Specifications

Table 1-1 lists the general specifications for the Model TP04010A ThermoStream Systems.

Table 1-1. TP04010A General Specifications

Temperature Limit - high	+225 °C
Temperature Limit - low	(at air supply of +20 to +28 °C)
Standard head/no arm configuration	-85 °C
Standard head with arm configuration	-80 °C
Temperature transition (air)	30 seconds from +125 to -55 °C
Air Flow	12 SCFM maximum, manual control
Temperature Set and Display Resolution	0.1 °C
Temperature Control	Air or direct DUT control
DUT sensors	Type T or Type K thermocouple inputs
Remote Interface Ports	
Standard	IEEE-488, or
Optional	RS232C
Handler Interface	Start-Test, End-of-Test, and Stop-on-First-Fail signals
User Interface	CRT monitor for data entry and display

1-3. Power and Air Requirements

Table 1-2 lists ac power and compressed air requirements for installation of the Model TP04010A ThermoStream Systems.

Table 1-2. TP04010A Power and Air Requirements

AC Power	Single phase, 20 amperes
60 Hz, or	220 to 240V* (220V nominal)**
50 Hz	200V* (nominal)**
Compressed Air	
Supply pressure	80 to 110 PSIG with air dryer (100 PSIG nominal)**, or 70 to 110 PSIG without air dryer (100 PSIG nominal)**
Supply flow rate***	9 to 21 SCFM with air dryer (21 to 25 SCFM recommended -- provides optimum system performance), 3 to 15 SCFM without air dryer

* Optional buck/boost transformer is available for other supply voltages.

** Reduced performance may be encountered at operating environments less than or greater than nominal.

***Flow requirements reduced by 6 SCFM without air dryer.