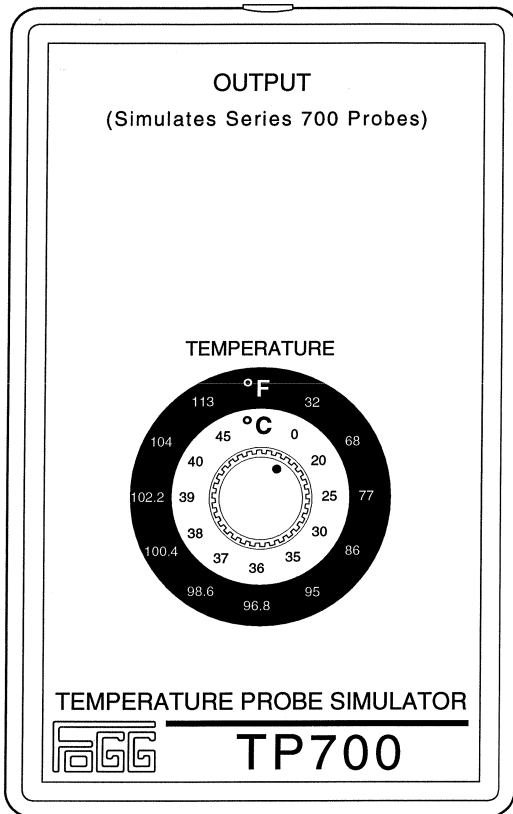




SECTION	CONTENTS
1.	Cover Sheet
2.	Controls and Features
3.	Technical Information
4.	Operating Instructions
5.	Schematic Diagram
6.	Parts List

INCOMING INSPECTION

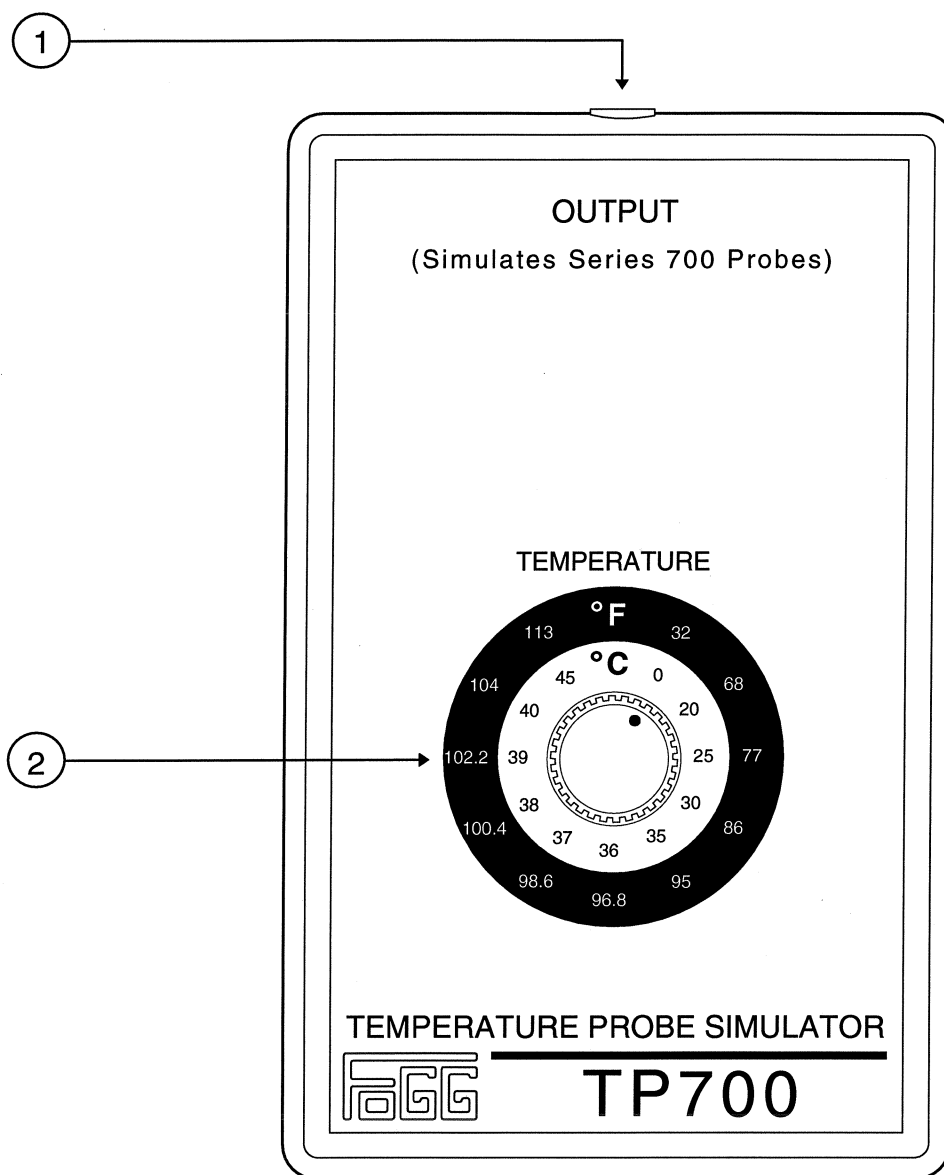
Visually inspect this instrument and shipping container for damage that may have occurred during shipment. If damage has occurred, notify both the carrier and FOGG SYSTEM COMPANY, INC.

WARRANTY

This Fogg System product is warranted against defects in material and workmanship for one (1) year from date of delivery. We will repair or replace components which prove to be defective during the warranty period, provided the defective instrument is returned to FOGG SYSTEM COMPANY, INC. No other warranty is expressed or implied. We are not liable for consequential damage.

MAINTENANCE and SERVICE

Except for procedures described in these Instructions, all maintenance and service should be performed by FOGG SYSTEM COMPANY, INC. Excluding failures resulting from misuse, there is no charge for factory repair during the warranty period. We encourage you to call us whenever you have questions about the operation or maintenance of this instrument.



1. Simulated Temperature OUTPUT connector.
2. Rotary TEMPERATURE Switch. Selects from 11 simulated temperatures.

**SIMULATED TEMPERATURE RANGE:**

Switch selectable in eleven steps as defined in the table below. Nominal resistance values are shown.

SWITCH POSITION	TEMPERATURE		RESISTANCE, KOhms	
	°C	°F	T1-700	T2-700
1	0	32.0	19.590	94.98
2	20	68.0	7.496	37.30
3	25	77.0	6.000	30.00
4	30	86.0	4.834	24.27
5	35	95.0	3.918	19.74
6	36	96.8	3.760	18.96
7	37	98.6	3.610	18.21
8	38	100.4	3.466	17.49
9	39	102.2	3.328	16.80
10	40	104.0	3.196	16.15
11	45	113.0	2.620	13.28

SIMULATED TEMPERATURE ACCURACY: $\pm 0.05^{\circ}\text{C}$ at 25°C .

OPERATING TEMPERATURE RANGE: 10°C to 50°C .

THERMAL OUTPUT SHIFT: $\pm 0.005^{\circ}\text{C}/^{\circ}\text{C}$ from 10°C to 50°C ambient temperature.

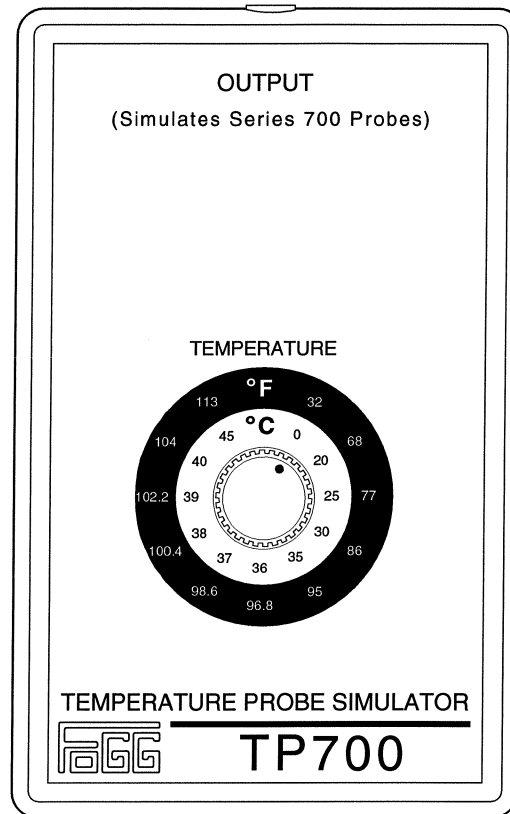
EXCITATION VOLTAGE: Supplied by the temperature measuring instrument, up to 0.5 Volts, ac or dc.

POWER REQUIREMENTS: See Excitation Voltage.

SIZE: 3.6"W x 5.75"H x 1.6"D, plus front panel components.

WEIGHT: 7.5 Ounces net (0.21Kg), 1.5 pounds shipping (0.68Kg).





PROCEDURE:

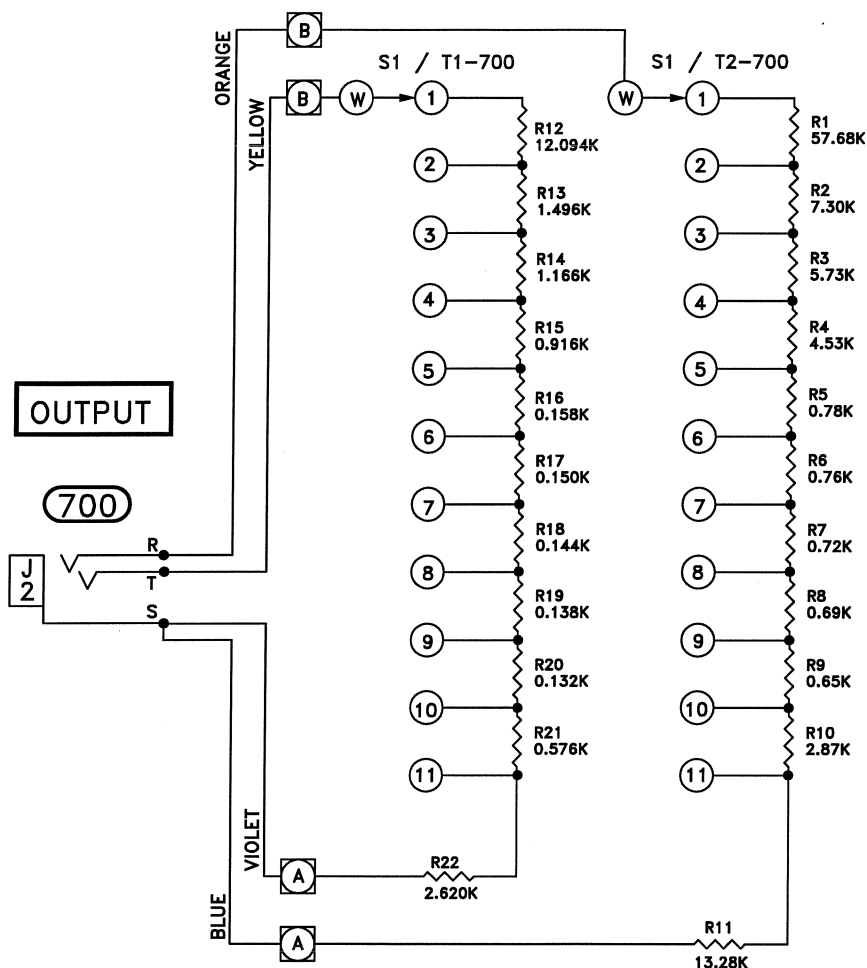
1. Use a Cable to connect the OUTPUT to your temperature monitor.
2. Set the TEMPERATURE switch at the position corresponding to the desired simulated temperature and verify that your monitor reading is within tolerable limits.
3. Repeat the last step, as required, for other temperature settings.



Schematic Diagram



TP700 TEMPERATURE
PROBE SIMULATOR



NOTES - UNLESS OTHERWISE SPECIFIED

1. ALL RESISTORS ARE MF, 1/4W. NOMINAL VALUES ARE SHOWN, ACTUAL VALUES MAY BE FACTORY SELECTED.



Parts List



TP700 TEMPERATURE
PROBE SIMULATOR

REF DES	PART NO.	QTY	DESCRIPTION	ITEM
	7236-0170	2	PRINTED WIRING BOARD	1
	7000-0732	1	ENCLOSURE	2
	7000-0888	1	SPACER	3
	7000-0912	1	PLATE, CONNECTOR MOUNTING	4
	0700-0150	1	OVERLAY, FOR ITEM 2	5
	7000-0742	1	DECAL, SERIAL NUMBER / NAMETAG	6
J1	3701-6606	1	CONNECTOR, 3 CONDUCTOR PHONE JACK	7
FOR S1	7000-0887	1	KNOB	8
S1	3600-0024	1	INDEX, ROTARY SWITCH	9
FOR S1	7000-0181	2	WAFER, ROTARY SWITCH, 1 POLE, 11 POSITION, SHORTING	10
R1 THRU R22	3199-3101	22	RESISTOR, FACTORY SELECT	11

