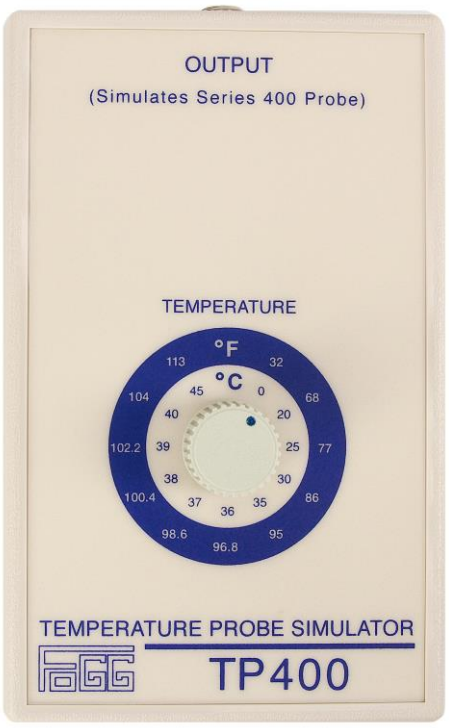
Temperature Probe Simulator

TP400

- **Setup** • **Demonstrate** • **Troubleshoot**
- **Simulates 11 calibrated levels from 0 to 45°C (32 to 113°F).**

°C	0	20	25	30	35	36	37	38	39	40	45
°F	32	68	77	86	95	96.8	98.6	100.4	102.2	104	113

- **Accurate within ±0.05°C at each setting.**
- **Cables are available to connect the Simulator to many temperature measuring instruments.**
- **Certificate of Conformance traceable to NIST is available.**



The TP400 Temperature Probe Simulator is intended primarily for setup, demonstration, and troubleshooting temperature measuring instruments that use a YSI 400 Series or equivalent Temperature Probe. When substituted for the probe, the Simulator provides precise and stable outputs for input to temperature measuring instruments. Since the Simulator eliminates the probe as a variable, you can quickly determine whether measurement problems are caused by the probe or the measuring instrument. Other useful applications include training personnel in the correct setup and operation of temperature measuring instruments and in quickly identifying a malfunctioning temperature probe.

Fogg Temperature Probe Simulators contain thermally stable precision resistive networks. A rotary switch permits selection of eleven temperatures from 0°C to 45°C with an accuracy of ±0.05°C at each setting. Simulated Temperatures are designated in both degrees Fahrenheit and Centigrade.

Cables are available to connect the Simulator to most temperature measuring instruments. Typical instruments are electronic thermometers, patient monitors, infant incubators, hypothermia systems, and temperature controlled analytical laboratory instruments.

Technical Information

Probe(s) Simulated: 400 Series Probes from Yellow Springs Instrument Company, Inc., or equivalent probes such as Electromedics, Omega, Tegam, and others.
Excitation Voltage: Same as for the appropriate temperature probe, up to 0.50 Volts ac or dc, supplied by the temperature measuring instrument.
Power Requirements: See Excitation Voltage.
Simulated Temperatures: Switch selectable in 11 steps.
°C / °F; 0/32, 20/68, 25/77, 30/86, 35/95, 36/96.8, 37/98.6, 38/100.4, 39/102.2, 40/104, 45/113
Simulated Accuracy: ±0.05°C at each setting, at 25°C ambient.
Thermal Output Shift: ±0.005°C/°C from 10°C to 50°C ambient.
Output Connector: 1/4" Phone Jack.
Size: 3.6"W x 5.75"H x 1.8"D, including knob.
Weight: 9 Ounces net (0.25Kg), 1.5 pounds shipping (0.68Kg).

ORDERING INFORMATION

The Simulator requires a Cable (ordered separately) that connects it to the temperature measuring instrument. Each Simulator is supplied with a User Manual. A Certificate of Conformance traceable to NIST is available.

深圳市净康科技有限公司
联系：王小姐
联系电话：15813841944 0755-28917660
邮箱：jkang66@163.com