

OMEGA® VIP Probes (Veterinary Implantation Probes)

All probes were designed for industrial, laboratory, manufacturing and chemical research only. They are not intended for medicinal use, or on humans. OMEGA Engineering, Inc. assumes no responsibility if these products are used for medicinal purposes, or on humans, or are misused in any way.

OMEGA's VIP's (Veterinary Implantation Probes) are designed for continuous monitoring of animal rectal temperatures. Unique construction makes them flexible enough that they do not cause undue animal discomfort while inserted, yet they are rigid enough for proper insertion to prevent the animal from discharging the probe during the test period.

Probes are constructed with a specially shaped stainless steel measuring tip with a 7/32" OD, 3/16" long. The transition from the stainless steel tip to the flexible, polyurethane tubing is designed for maximum smoothness. Polyurethane tubing is used to protect the 6-foot*stranded thermocouple (Type "T"). The probe terminates in a compensated thermocouple connector pair (SMP-T-MF). Both halves of the connector are included for your convenience. Probes may be cleaned by wiping with an alcohol solution or other suitable disinfectant solutions. Maximum temperature range is -70 to 80°C (-100° to 180°F.)

In addition to the Type "T" (Copper-Constantan) thermocouple sensors, the probe can be supplied with a 100 Ω Platinum Resistance element (RTD) or an OMEGA Series 700 Thermistor. Compatible digital readouts are available for use with these probes, with resolutions down to 0.01°. For complete information on our digital readouts, see Section M.

VIP Series
Starts at
\$80



Mating Connector Included Free!

5.4 mm (0.213")

4.7 mm (0.188")

Quotation for a complete system is available upon request; please consult OMEGA's Applications Engineering Staff.

VIP-T, \$80, shown smaller than actual size.

MOST POPULAR MODELS HIGHLIGHTED!

Discount Schedule	
1-10 Units.....	Net
11-24 Units.....	5%
25-49 Units.....	10%
50 and up.....	Consult Sales
Quantity discount applies to like probes. Other sizes, materials and configurations by quotation.	

To Order (Specify Model Number)		
Model Number	Price	Description
VIP-T*	\$80	Copper-Constantan (Type T) thermocouple with 6' leads
VIP-RTD	115	100 Ω RTD with 6' leads
VIP-THERMISTOR	115	700 thermistor with 6' leads

*"Pepper the rabbit" courtesy of the Willumsen children

*VIP-T comes with miniature SMPW male and female connectors. The VIP-T is supplied grounded as the standard probe; ungrounded version also available. For RTD and thermistor probes or other lead lengths, please consult Sales.

*Additional lengths are available at \$3/ft plus a \$50 setup charge. Order model E1 1602110/model number/type/termination.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters