

## TEMPERATURE TRANSDUCERS

SS6L: Fast Response

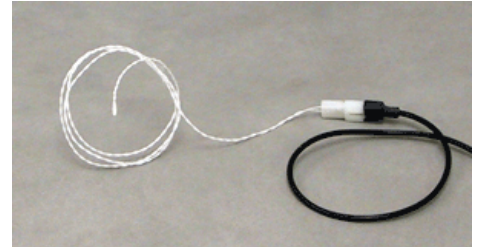
SS7L: Waterproof Probe

SS8L: Liquid Immersion Probe

SS18L Digit Surface

### SS6L TEMPERATURE TRANSDUCER

The SS6L is a small fast-response thermistor used to measure small variations in temperature, either on the skin surface or in exhaled airflow. The recorded temperature changes during breathing can be used to indicate respiration rate. Attach the SS6L to the skin surface with Surgical Tape (TAPE1).



**RX202A Sensor** (white) shown at right with transducer connector (black); ships as sensor only.

This is a replacement sensor for

- TSD202A for MP research systems
- SS6L for BSL education systems
- SS6 for telemetry/wireless systems

The sensor snaps onto the "SS" transducer connector for connection to a BIOPAC data acquisition system.

### SS6L SPECIFICATIONS

Response time (in stirred oil bath):	0.6 sec
Nominal resistance:	2252 $\Omega$ @ 25° C
Maximum operating temperature:	100° C
Accuracy and Interchangeability:	$\pm 0.1^\circ$ C
Connector Type:	9 Pin DIN
Compatibility:	YSI® series 400 temperature probes
Cable Length:	2 meters (flexible, lightweight)
Sterilizable:	No
Dimensions:	5 m x 1.7 m

### SS7L WATERPROOF PROBE

Use this vinyl probe for core (oral/rectal) temperature recordings.



### SS7L SPECIFICATIONS

Response time (in stirred oil bath):	1.1 sec
Max operating temp:	60° C
Accuracy & Interchangeability:	$\pm 0.2^\circ$ C
Compatibility:	YSI(r) series 400
Dimensions:	9.8 mm x 3.3 mm
Cable:	3 meters

### SS8L LIQUID IMMERSION PROBE

Use this stainless steel probe for dry or wet bath temperature measurements.

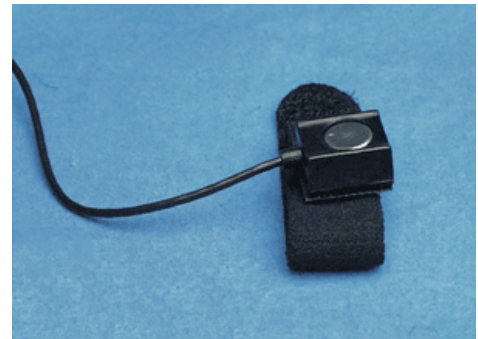


### SS8L SPECIFICATIONS

Response time (in stirred oil bath):	3.6 sec
Max operating temp:	60° C
Accuracy & Interchangeability:	±0.2° C
Compatibility:	YSI(r) series 400
Dimensions:	4 mm x 115 mm
Cable:	3 meters

### SS18LA DIGIT SURFACE TEMPERATURE TRANSDUCER

The SS18LA is designed to record skin temperature of the fingers or toes. The probe contains a surface temperature sensing element encased in a polyurethane housing that conforms to curved skin surfaces and includes a Velcro strap for easy attachment.



### SS18L SPECIFICATIONS

Response time (in stirred oil bath):	1.1 sec
Size	
with housing:	16 mm (long) x 17 mm (wide) x 8 mm (high)
sensor only:	10 mm sensing diameter, 1.4 mm sensor thickness
Interface:	MP3X
Nominal Resistance:	2252 ohms at 25° C (sensor only)
Maximum operating temperature:	60° C (when used with MP3X)
Accuracy and Interchangeability:	0.2° C (after calibration)
Cable Length:	3 meters
Compatibility:	YSI series 400 temperature probes (sensor only)
Sterilizable:	No