

The reliable and economical method of monitoring water quality via conductivity.

# Test Lights



RESISTIVITY (ohm/cm)	CONDUCTIVITY (ohm/cm)	PPM
1 MEG	1 MEG	.50
500K	2	1.0
200K	5	2.5
50K	20	10

## SPECIFICATIONS

- Available Thresholds: 50K to 1 Meg ohms/cm
- Accuracy:  $\pm 20\%$
- Thread:  $\frac{1}{2}$ " NPT with O-ring or  $\frac{3}{4}$ " NPT
- Weight: 250 gm
- Housing Material: ABS Gray
- Supply Voltage: 117 VAC
- Supply Frequency: 60 Hz
- Output Voltage: 117 VAC
- Output Current: 20 mA
- Electrode Material: Tungsten
- Sampling Frequency: Line frequency
- Sampling Voltage: 52 volts
- Cord length: 6 feet
- Working PSI: 125 psi
- Maximum Temperature: 100°F
- Minimum life: 2,000 hours
- Remote lamp Hole:  $\frac{7}{8}$ " diameter
- Maximum distance: 50 feet (cell to lamp)

Stock thread sizes are  $\frac{1}{2}$ " NPT and  $\frac{3}{4}$ " NPT, custom threads are available. Fully encapsulated probes insure uniform cell contact.

U.S. Patent No. 4,496,906



**Remote Test Light**

Test Lights are designed for low-cost monitoring of water conductivity. Operation is simple: the neon lamp is on when the conductivity is below the threshold value, the lamp turns off when the conductivity rises above. The fail safe design signals trouble if there is a power failure or the bulb burns out. For custom thread sizes or threshold values, consult the factory. The Test Lights incorporate an isolation power pack.

The Power Pack isolates the test light and user from the power source. In addition to a reduced risk of possible shock, it will add to the life of the test lights where power lines are subject to voltage spikes.

The Test Light is also available in a remote model. The neon lamp can be panel-mounted 15 feet (50 feet maximum) away from the testing cell.

# Test Lights



## ACCESSORIES

The **RA201 890 Plastic Distributor Head** is designed for installation of a ½" Resilite, Test Light or Remote Test Light Sensor in single in-out applications on deionizers. The threaded opening on the outlet side places the monitor electrodes into the water flow for greatest accuracy. This economical head is molded of rugged ABS plastic, fits a standard 2½"- 8 tank opening, adapts to a 1³⁄₁₆" riser and has ¾" NPT inlet and outlet for straight line installation.

The **RA102 Plastic Tee** is designed for in-line installation of a ½" Resilite, Test Light or Remote Test Light Sensor. The threaded center opening places the monitor electrodes into the water flow for greatest accuracy. The inlet and outlet of the tee are ¾" socket joints (solvent weld).

## ORDER INFORMATION

TEST LIGHTS		
ORDER NUMBER	DESCRIPTION	QTY/CTN
R7016P-50K	RA110 110V 50K ohm ½"	1
R7016P-200K	RA110 110V 200K ohm ½"	1
R7016P-500K	RA110 110V 500K ohm ½"	1
R7016P-1MEG	RA110 110V 1 Meg ohm ½"	1
R7042P-50K	RA110 50K ohm ¾"	1
R7042P-200K	RA110 200K ohm ¾"	1
R7042P-500K	RA110 500K ohm ¾"	1
R7042P-1MEG	RA110 1 Meg ohm ¾"	1

REMOTE TEST LIGHTS		
ORDER NUMBER	DESCRIPTION	QTY/CTN
R7018P-50K	RB110R 50K ohm ½"	1
R7018P-200K	RB110R 200K ohm ½"	1
R7018P-500K	RB110R 500K ohm ½"	1
R7018P-1MEG	RB110R 1 Meg ohm ½"	1
R7044P-50K	RB110R 50K ohm ¾"	1
R7044P-200K	RB110R 200K ohm ¾"	1
R7044P-500K	RB110R 500K ohm ¾"	1
R7044P-1MEG	RB110R 20K ohm ¾"	1

### GENERAL INFORMATION:

Test Lights require that the water be flowing for greatest accuracy. Ions tend to migrate to the testing cell and affect the reading if the water is not flowing.

## ACCESSORIES

ORDER NUMBER	DESCRIPTION	QTY/CTN
R7009	RA201 890 Plastic Head	1
R7011	RA102 Plastic Tee	1

**Not recommended as primary indicator for critical or medical applications.**