

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

Resilite®



Should not be used as the primary indicator for critical or medical applications.

SPECIFICATIONS

Available Thresholds: 5K to 2 Meg ohms/cm
 Accuracy: $\pm 15\%$
 Thread: $\frac{1}{2}$ " NPT with o-ring or $\frac{3}{4}$ " NPT
 Weight: 200 gm
 Housing Material: ABS Black
 Electrode Material: Monel
 Sampling Frequency: 150 Hz
 Sampling Voltage: 2.2 volts peak at threshold
 Supply Voltage: 120 VAC
 Supply Frequency: 60 Hz
 Output Voltage: 9 VDC
 Output Current: 200 mA
 Cord Length: 9 feet
 Working PSI: 125 psi
 Maximum Temperature: 100°F
 Typical DC Current: 35mA
 Typical Lumen Output: Green 80 mcd
 Red 200 mcd



The square wave Resilite is a reliable and economical method of monitoring water quality via conductivity.

The bright red or green visual output is easy to read. The monitoring is simple; the green light indicates

the water conductivity is below the threshold value; the red light warns that it is above. The solid state circuitry utilizes a symmetrical square wave sampling voltage to eliminate plating and extend electrode life.

The LED output and solid state circuitry will outlast conventional neon lamps by thousands of hours.

The Resilite uses a wall transformer to convert 120 VAC to 9 VDC to ensure safer operation and longer life.

With values from 5,000 ohms/cm to 2 Meg ohms/cm, the Resilite series covers a wide range of applications and processes.

RESISTIVITY (ohm/cm)	CONDUCTIVITY (uS/cm)	PPM
2 MEG	0.5	.25
1 MEG	1	.50
500K	2	1.0
200K	5	2.5
50K	20	10
20K	50	24
10K	100	48
5K	200	95

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

Resilite®

**RA201
890 Plastic Head
w/Adaptor
Order No. R7009**



**RA 102 Plastic Tee
Order No. R7011**

ACCESSORIES

The **RA201 890 Plastic Distributor Head** is designed for installation of a ½" Resilite 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 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. 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

RESILITES®		
ORDER NUMBER	DESCRIPTION	QTY/CTN
R7031-5K	120V 5K ohm ½"	1
R7031-10K	120V 10K ohm ½"	1
R7031-20K	120V 20K ohm ½"	1
R7031-50K	120V 50K ohm ½"	1
R7031-200K	120V 200K ohm ½"	1
R7031-500K	120V 500K ohm ½"	1
R7031-1MEG	120V 1 Meg ohm ½"	1
R7031-2MEG	120V 2 Meg ohm ½"	1
R7046-5K	120V 5K ohm ¾"	1
R7046-10K	120V 10K ohm ¾"	1
R7046-20K	120V 20K ohm ¾"	1
R7046-50K	120V 50K ohm ¾"	1
R7046-200K	120V 200K ohm ¾"	1
R7046-500K	120V 500K ohm ¾"	1
R7046-1MEG	120V 1 Meg ohm ¾"	1
R7046-2MEG	120V 2 Meg ohm ¾"	1

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

GENERAL INFORMATION:

The Resilite monitor requires 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.

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