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TECHNOLOGY GROUP

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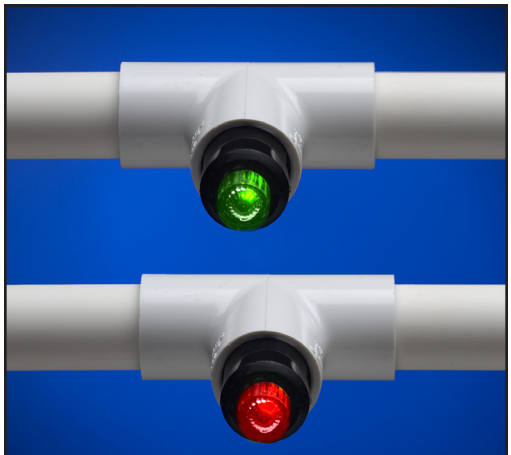
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Find the *Clack Resilite R70-35* at our website: ***Click HERE***

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

Resilite®



Clack Resilites will accurately sense levels as low as .25 ppm total dissolved solids.

RESISTIVITY (ohm/cm)	CONDUCTIVITY (mho/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

SPECIFICATIONS

Available Thresholds: 5K to 2 Meg ohms/cm
Accuracy: ± 15%
Thread: ½" NPT with o-ring or ¾" NPT
Weight: 200 gm
Housing Material: ABS Black
Electrode Material: Tungsten
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

Stock thread sizes are ½" NPT and ¾" NPT. Custom threads are available. Fully encapsulated probes ensure uniform cell contact.

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





Resilite with Control Module

The patented 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. Remote control lights, horns and solenoids can be controlled by an optional, in-line Control Module which switches a SPDT relay at the threshold value. With values from 5,000 ohms/cm to 2 Meg ohms/cm, the Resilite series covers a wide range of applications and processes.

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Resilite®



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

RESILITES®		
ORDER NUMBER	DESCRIPTION	QTY/CTN
R7031-5K	110V 5K ohm ½"	1
R7031-10K	110V 10K ohm ½"	1
R7031-20K	110V 20K ohm ½"	1
R7031-50K	110V 50K ohm ½"	1
R7031-200K	110V 200K ohm ½"	1
R7031-500K	110V 500K ohm ½"	1
R7031-1MEG	110V 1 Meg ohm ½"	1
R7031-2MEG	110V 2 Meg ohm ½"	1
R7046-5K	110V 5K ohm ¾"	1
R7046-10K	110V 10K ohm ¾"	1
R7046-20K	110V 20K ohm ¾"	1
R7046-50K	110V 50K ohm ¾"	1
R7046-200K	110V 200K ohm ¾"	1
R7046-500K	110V 500K ohm ¾"	1
R7046-1MEG	110V 1 Meg ohm ¾"	1
R7046-2MEG	110V 2 Meg ohm ¾"	1

RESILITES® WITH CONTROL MODULE		
ORDER NUMBER	DESCRIPTION	QTY/CTN
R7035-5K	110V 5K ohm ½"	1
R7035-10K	110V 10K ohm ½"	1
R7035-20K	110V 20K ohm ½"	1
R7035-50K	110V 50K ohm ½"	1
R7035-200K	110V 200K ohm ½"	1
R7035-500K	110V 500K ohm ½"	1
R7035-1MEG	110V 1 Meg ohm ½"	1
R7035-2MEG	110V 2 Meg ohm ½"	1
R7048-10K	110V 10K ohm ¾"	1
R7048-50K	110V 50K ohm ¾"	1
R7048-200K	110V 200K ohm ¾"	1
R7048-500K	110V 500K ohm ¾"	1
R7048-1MEG	110V 1 Meg ohm ¾"	1
R7048-2MEG	110V 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.

Not recommended as primary indicator for critical or medical applications.

Clack™ 97®
www.clackcorp.com

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Form No. 2735 • 10/14/2008

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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