ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *I2R Therm-O-Watch L7-1100SA/28T* at our website: *Click HERE*

THERM-O-WATCH® L7-1100SA

Heavy Duty, W/Integral Voltage Control and Built-in Alarm.

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THERM-O-WATCH® L7-1100SA/28T

Heavy Duty, W/Integral Voltage Control, Built-in Alarm
and 28 Hr. Timer.



THERM-O-WATCH (TOW) was originally developed in 1957 as a "thermometer watcher" to monitor temperatures that required tedious watching. But TOW is actually a liquid level monitor that responds to the level of polar liquids in tubing, sight glasses and other containers. Many thousands of TOW have been used over the years in conjunction with Hg thermometers; however, the true applicability of this unique lab instrument is in monitoring liquid levels and pressure/vacuum in the lab.

***Original* THERM-O-WATCH®** Monitor/Controller

Capacitance-actuated to monitor liquid levels, vacuum/pressure or temperature.

How a Capacitance Model TOW operates:

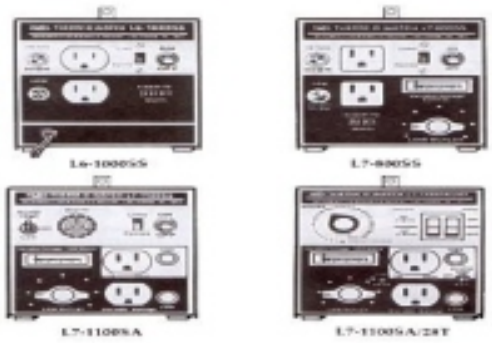
It consists of a Sensing Head and an Amplifier/Controller. The Sensing Head clips onto thermometers or other non-metallic tubing and contains a small electronic oscillator that is sensitive to minute changes in the electrical "Capacitance to ground." A change in liquid level affects this oscillator and activates the Amplifier. Sensitivity when using polar liquids is determined by the dielectric capacity of the liquid column. In liquid level applications, an 8mm diameter glass tube containing water has a sensitivity of about ± 0.2 mm.

When a change above or below the preset level is sensed, two power outlets on the front of TOW will be activated. One outlet is normally ON and the other normally OFF. Power output, which varies with each model, can be used to turn heating mantles, cooling systems and other electrical equipment ON or OFF.

Original THERM-O-WATCH® Monitor/Controller

Diagrams





Original THERM-O-WATCH® Monitor/Controller

Ordering Information

Dimensions: 5" W X 6-1/4" D X 6" H

To order specify:

Model*	Description/ Application	Capacity Watts	Ship. Wt.
L6-1000SS	General purpose, use with Variacs™ or Powerstats™, full line voltage	1000	8 lbs.
All Series L7 models below have integral variable voltage control			
L7-800SS	General purpose	800	8 lbs.
L7-1100SA	Heavy duty, with built in alarm	1100	8 lbs.
L7-1100SA/28T	Heavy duty, with built in alarm and 28 hr. timer	1100	8 lbs.

All models 120V, 50-60Hz
* These Solid State units can be "piggy-backed" with a Thermocouple Adapter (TCA).

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

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

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We're here to make your life easier. How can we help you today?

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