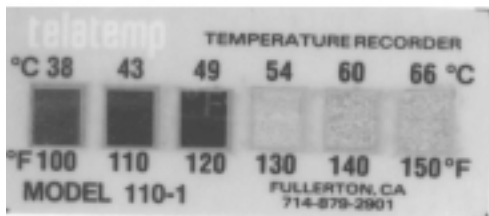
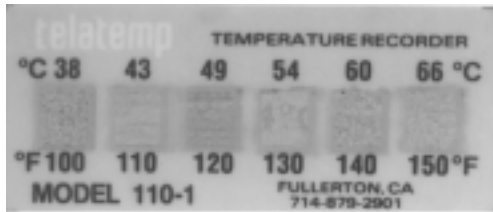


# F36 Vacuum Pump Accessories & Repair

## Telatemp Irreversible Temperature Labels



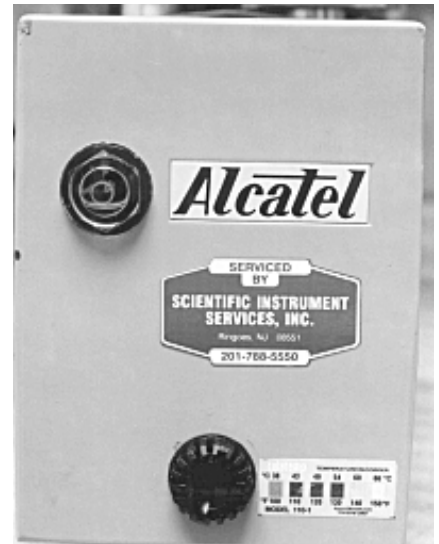
Closeup of label attached to vacuum pump indicates oil temperature exceeded 120°F (49°C)(Approximately 2X actual size)

**T**elatemp non-reversible temperature recording labels economically sense and record surface temperatures. Each recorder contains six sealed temperature sensitive indicators which turn permanently and irreversibly from silver to black at its calibrated rated temperature.

Response time is less than one second with an accuracy of  $\pm 1\%$ . Rated temperatures are printed in both °F and °C at each indicator window, and the direct readout can be read at a glance.

Two temperature ranges of 100° F to 150°F (38°C to 66°C) and 140° F to 190°F (60°C to 86°C) are available. Overall label size is 1.75" long by 0.75" high.

A typical application of these temperature strips is for the monitoring of oil temperatures on vacuum pumps. By placing the self adhesive temperature strip on the outer oil housing casture



Irreversible temperature label installed on vacuum pump for monitoring oil temperature.

ing of the vacuum pump, the temperature of the oil transmitted to the case housing can be monitored.

Normal oil temperatures for Alcatel Vacuum pumps is 130° F to 140° F. With age, increased wear, decomposition of pump oil, or severe mechanical problems, this temperature will exceed 140° F. When this occurs, the temperature measuring strip will indicate the higher temperature and the pump can be removed for an oil change or other servicing.

Part No.	Description
110-110	Irreversible temperature label, range 100° - 150°F
110-210	Irreversible temperature label, range 140° - 190°F

## Vacuum Pump Repair Service by Innovative Vacuum Solutions

Vacuum pump repair service is offered by Scientific Instrument Services Inc.™ in cooperation with Innovative Vacuum Solutions (IVS). If you have a vacuum pump that needs to be repaired, go to our web site ([www.sisweb.com/vacuum/repair.htm](http://www.sisweb.com/vacuum/repair.htm)) and fill out the request form available there. A response should be expected within 1-2 business days.

### Description of Our Service

Every pump serviced by IVS goes through a comprehensive overhaul process. The pump is completely disassembled and decontaminated through a high temperature, high pressure caustic cleansing process. Each component is inspected and any part that does not meet OEM specifications is either replaced or remanufactured. Each pump receives a full major kit that replaces all of the consumable parts within the pump. Any other parts that are damaged or do not meet specifications, such as a rotor, stator, motor, shaft etc., will be written up and priced as additional parts required. Once a pump is analyzed, a Service Analysis Form is submitted to the customer detailing our findings. Upon final approval the pump is built and performance tested for up to 72 hours before being re-painted. Every pump that IVS sells or services includes a one-year warranty against defects in materials and workmanship, effective from the documented date of installation.

If you are located within a 50 mile or so radius of Pelham, NH or Easton, Pa., IVS will pick up and deliver free of charge.



Go to our web site for further details  
<http://www.sisweb.com/vacuum/repair.htm>