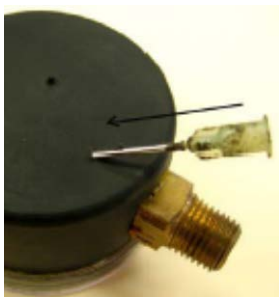


PROCEDURE FOR VENTING GAUGES

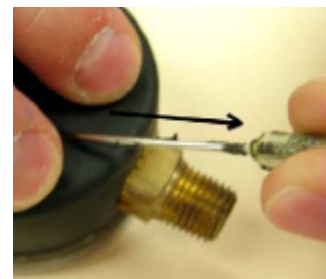
Sometimes IRROMETER hermetically sealed gauges are affected internally by pressure from elevation changes, such as occur in air shipments. If this occurs, the needle of a gauge may be in some position other than within the zero window. The simple procedure outlined here can be performed on-site to vent the gauge mechanism back to atmospheric pressure.

First, unscrew the cap and stopper to see if just venting the instrument body to atmosphere brings the needle back to the correct position.

Second, if removing the cap and stopper did not remedy the situation, use a small hypodermic needle to puncture the rubber cover as shown in the following pictures. This allows the hermetically sealed portion of the gauge to vent to atmosphere. Once the needle is removed, the rubber will reseal, protecting the gauge mechanism.



Small needles like this are usually available locally from medical or veterinary suppliers.



If the gauge needle does not drop back to the zero window by either of these procedures, it has been knocked out of calibration and should be replaced.