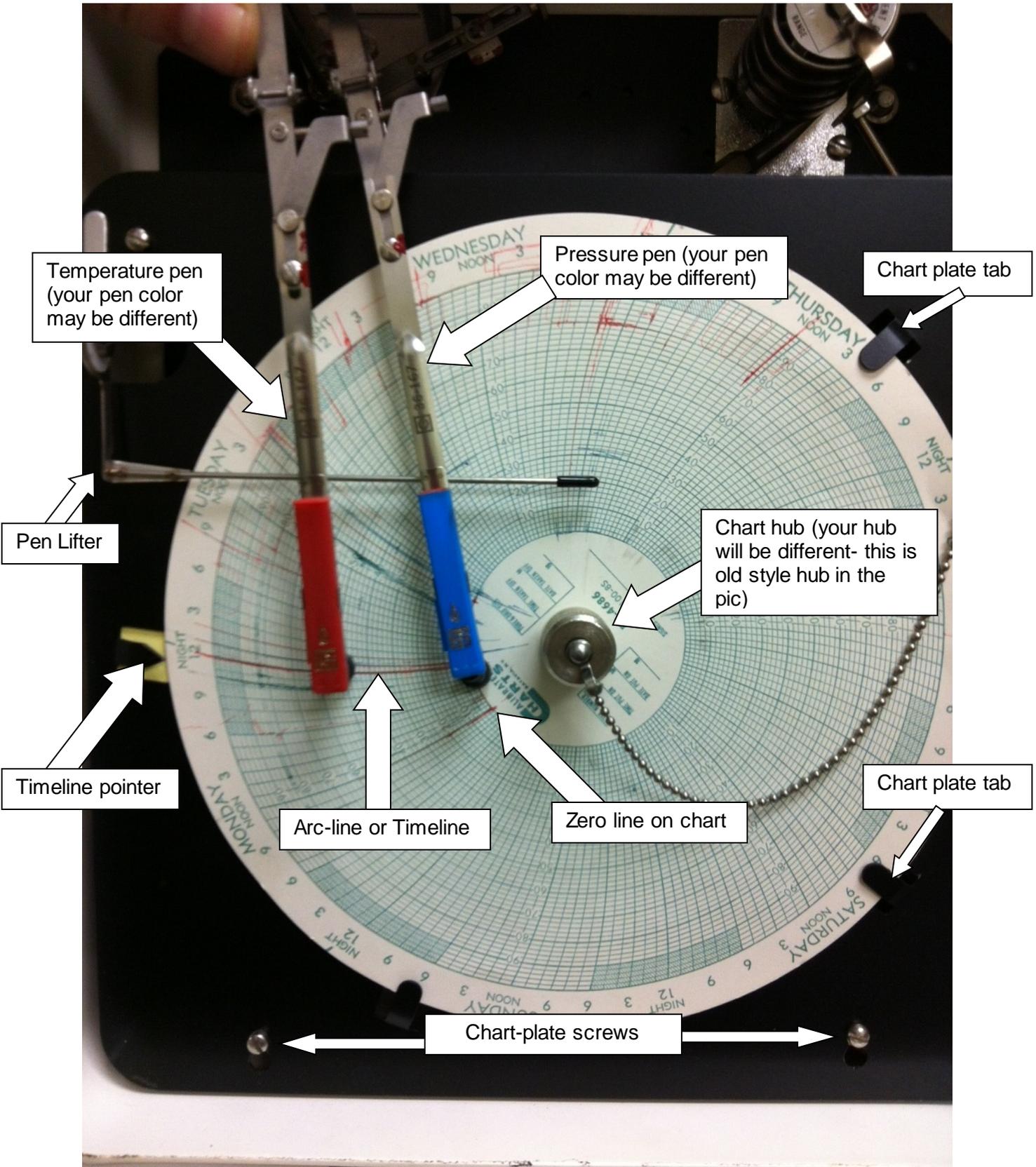


Mechanical Recorder Operation Manual (Press &/or Temp)

1. Place the instrument in the desired location near the pressure & temperature source to monitor.
2. Connect the pressure line to the ¼" female NPT fitting on the back of the instrument. Note: Wall mount fittings will be on the bottom.
3. If Required: Connect the temperature probe into a thermowell or suitable location using the ¼" Male NPT slip-fitting provided to allow installation into different depths of pipe.
4. Remove the chart plate & install the chart drive battery & replace the battery cover.
5. Turn the selector knob (on the chart-drive) to the desired setting "Per revolution" (Example: 1= 24 hours, 7= 1 week, 30= month).
6. Replace and secure the chart plate into the instrument using the (4) chart-plate screws. Note: These screws do not need to be removed- only loosened.
7. Use the pen lifter to raise the pens off the chart.
8. Install a paper chart onto the chart drive hub and make sure the chart is under all (4) chart-plate tabs.
9. Remove the pen tips from both pens.
10. Align the chart to where the correct time &/or date is at the Timeline pointer.
11. Lock down the chart to the hub by pressing "horse-shoe shaped" hub lock towards the center of the chart drive shaft. Note: The old-style hub- tightens clockwise and loosens counter-clockwise.
12. Apply pressure to the recorder- if this hasn't been done already.
13. Lower the pens onto the chart. (The pressure pen should be on the zero-line when no pressure is applied). The chart should turn and the pens should record the pressure and temperature.
14. After the duration of the chart is over, repeat steps 7-14.



Temperature pen
(your pen color
may be different)

Pressure pen (your pen
color may be different)

Chart plate tab

Pen Lifter

Chart hub (your hub
will be different- this is
old style hub in the
pic)

Timeline pointer

Arc-line or Timeline

Zero line on chart

Chart plate tab

Chart-plate screws