



## Tech Cal Recorder Specifications

### Pressure & Temperature Chart Recorders

**Type:**

- Mechanical type recording measuring static pressure and temperature. 8" & 12" Models

**Bourdon Tube / Temperature Ranges:**

- 15 PSI, 25 PSI, 50 PSI, 75 PSI, 100 PSI, 150 PSI, 200 PSI, 250 PSI, 300 PSI, 500 PSI, 1K PSI, 1.5K PSI, 2K PSI, 3K PSI, 5K PSI, 6K PSI, 10K PSI, 15K PSI, 20K PSI, 30K PSI, 50K PSI
- 0-100 Deg F, 0-120 Deg F, 0-150 Deg F, 0-200 Deg F, 0-300 Deg F, 0-500 Deg F

**Material:**

- Static Pressure Elements - Pressure-Helical (bourdon), 316 Stainless Steel
- Temperature Systems - Temp.-Helical (bourdon) Class V Mercury Filled

**Accuracy:**

- N.I.S.T. Traceable Certificate of Calibration, +/- 0.5% of Span
- Adjustable zero screw

**Chart Drive / Clock:**

- *Battery Operated Models:* 820R001(60 Min, 96 Min., 12 HR, 1,2,7,8,14,16,31 & 32 Day), 820R029(30 min - 1 hr - 2 hr - 4 hr - 6 hr - 8 hr- 12 hr - 1 d - 2 d - 3 d - 4 d - 7 d)
- *Wind Type Models:* 725R086 (15Min1HR), 725R138 (1HR,3HR), 725R077 (2HR,8HR), 725R084 (24HR, 7D), 725R086 (24HR, 8D), 725R175 (96MIN/24HR), 725R081 (4HR)

**Recording Pens:**

- All Temp. Fine Point Felt Disposable Pens
- Operating Temperature -40 thru 55 deg C

**Medium:**

- Air, Gas, Water, Oil, Mud (only with snubber)

**Standard Conformance:**

- Tech Cal Recorders conform to API and NACE requirements as well as AGA recommendations.
- Case is made of Polyethylene Copolymer, Chemical Resistant, Light Weight & Durable
- Temperature Range: -10°F to 210°F
- Manufactured by Technology & Calibration, Inc. – USA and ISO 9001 Registered Company
- Chart Paper required is 12" (11.125" actual) conforming to Barton & American Meter Recorders.

**Accessories:**

- Temperature Capillary, SS, 10' Long w/ 12" Probe, 11/16" Bulb, 1/2" NPT Gland, Custom lengths available
- Pipe Mount for 2" or 2.5" Pipe, Flush Wall Mount, Stand & Handle Portable, Lower Back or Bottom Connections.
- Extra Pen Holder, Battery Holder, Key Holder, Temperature System Reel
- Extra Pens, Charts, Keys & Batteries available.

**Literature:**

- Operation Manual, Technical Drawings, Certificate of Origin, Certificate of Compliance, Certificate of Calibration.

***Technology & Calibration, Inc. is an ISO 9001 Registered Company.***