

Caring for Precision Gauges

Caring for precision gauges is essential to maintain their accuracy and prolong their lifespan. Here are some instructions to help you care for precision gauges:

1. Handle with care

Always handle precision gauges with clean hands and avoid applying excessive force. Rough handling or accidental drops can damage the gauge and affect their accuracy.

2. Keep them clean

Regularly clean precision gauges to remove dirt, dust, and debris that may affect their performance. Use a soft, lint-free cloth or a brush designed for delicate instruments. Avoid using abrasive materials or harsh chemicals that can scratch or corrode the gauges.

3. Store properly

After use apply a light coat of oil and store in a clean and dry environment to prevent corrosion. Use protective cases or covers to shield them from accidental damage and minimize exposure to temperature extremes.

4. Calibrate as needed

Periodically calibrate your precision gauges according to your quality system schedule. Use a N.A.T.A. accredited laboratory to ensure confidence and traceability. Calibration helps maintain the gauges' accuracy and reliability over time.

5. Avoid exposure to extreme conditions

Precision gauges are sensitive to temperature and humidity. Keep them away from excessive heat and high humidity as these factors can affect their performance.

6. Training

Precision measuring tools should not be used as substitutes for other tools. If in doubt on how to use a precision gauge seek training before use.

By following these instructions, you can ensure the longevity and accuracy of your precision gauges, allowing them to perform optimally in your measurement tasks.