

HIGH TEMPERATURE MEASUREMENT PROCEDURE

- Grind excessively rough or corroded surfaces smooth for proper coupling.
- Measure temperature of test surface.
- Select appropriate couplant and transducer for the application.
- Perform a probe zero according to the gauge manual.
- Apply couplant to probe face and then couple to the test surface. **DO NOT APPLY TO THE HOT TEST MATERIAL FIRST.**
- Use only light transducer contact pressure to achieve proper coupling.
- Look for the measurement value to be displayed within 1-2 seconds.
- Gently rock the probe, if necessary, to get a displayed value. **DO NOT INCREASE CONTACT PRESSURE OR REMAIN IN CONTACT FOR MORE THAN 5 SECONDS TO AVOID DAMAGING THE PROBE.**
- Uncouple the probe and immerse in cool water or air cool until the probe returns to ambient temperature.
- Wipe remaining used couplant from probe before applying new couplant for the next measurement.

WARNING!

INTERNAL PROBE TEMPERATURES ABOVE 300°F (150°C) CAN DAMAGE THE PROBE RESULTING IN EXCESSIVE RINGING, LOSS OF SENSITIVITY OR TOTAL PROBE FAILURE.