

Custom Thermowells & Instrumentation Parts

Mac-Weld Machining is based in Sarnia, Ontario Canada. Our plant is 30,000 sq./ft. and was custom built for manufacturing Thermowells and other related instrumentation parts. We strive to maintain the highest level of quality possible by following our **ISO-9001:2000** certification and meeting all applicable codes and government regulations.



THERMOWELLS & PROTECTION TUBES

Our thermowells are manufactured to accept standard or custom made thermometers, thermocouples, bulbs and RTDs.

Our **“Mission Statement”** is to be a leading manufacturer and distributor of thermowells and other instrumentation components serving industry globally with a commitment to quality and customer service.



GAUGE SIPHONS

Our gauge siphon is a cost effective way to maximize gauge life. It is made from solid bar to produce a rigid mount and easy installation.



SEAL POTS & CONDENSATE CHAMBERS

Seal pots are used to provide a constant liquid head on each side of a flow meter involving steam or other condensable vapors. They also isolate the instrument from the process with a sealing liquid.



FLUSH RINGS & BLEED RINGS (TRANSMITTER FLANGE ADAPTER)

Our instrument tee (or flush ring) is made to accept all flanged pressure transmitters on one side and a standard ANSI flange on the other side. Bleed Rings are used as spacers to allow for drainage or sampling.



ORIFICE PLATES

Precision bored from one piece. Orifice plates are primary element differential products for rate of flow measurement. Orifice plate diameters are precision bored to exact tolerances. Dimensional verification with CMM (co-ordinate measurement machine).