

Letter of Conformance

There is no calibration certificate for the Arc Master Radius Gauges. They are designed and manufactured to a tolerance of +/- 0.5% on any measurement and have been doing so since 2003. Any International Standards Organization will not certify a radius gauge of this nature. These gauges must be used as reference tools only.

The only way these gauges would not be able to meet factory tolerance is if they were accidentally damaged or misused in any way. Normal care of the radius gauges, as with any other instrument, will ensure maximum accuracy for a lifetime. There are no parts in the radius gauges that will wear out or become loose.

No calibration arc comes with the Arc Master Radius Gauges, but a Sample Arc can be made available for you to check the radius when you first acquire the gauge. Mark the resulting measurement on the Sample Arc and place in a secure location. Keep this Sample Arc handy to confirm the radius gauge periodically as an accuracy check.

- For the IRG 750 & ORG 750, use a Sample Arc with a radius of approximately 24"
- For the IRG 3600 & ORG 3600, use a Sample Arc with a radius of approximately 120"

Arc Master Radius Gauges are NOT adjustable.

Normal Care of Your Radius Gauges:

- When taking a measurement, especially the larger radii, rock the gauge from side to side while slowly sliding the pointer in. When the rocking stops, you should have a good measurement.
- Do not drop the gauge, as this could damage the contact points or bend the aluminum arms.
- Do not force the gauge while taking a measurement.
- To be sure the gauge is still accurate, check it on your Sample Arc.

If your measurement check is accurate, all other measurements will be accurate. If the gauge is off by a certain amount, this discrepancy will increase as the size of the radius increases.

Dieter Timm
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