



Technical Brief

TEMPERATURE

Choosing the Best Dial Size and Type for your Bimetal Thermometer

When considering your dial size and type, there are a few things to keep in mind.



Readability

The most important factor for the dial size is readability. Consider the distance you will be from the thermometer when you are reading it. Many applications require larger dials simply because they need to be read from a distance.

Resolution

Depending on the range, a larger dial size can provide a greater resolution, requiring less interpretation between increments.

Special types

In some cases special dial options can be useful to provide visibility. The reflective face on the Tel-Tru Glow Dial Bimetal Thermometer, for example, permits the user to easily check, in low light conditions, whether or not the process is operating within a designated safe zone.



To find out which configuration is best for your temperature or pressure application, feel free to call our experts at 800-232-5335 or visit <https://www.teltru.com>.



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