TEL-TRU® TEMPERATURE SOLUTIONS

CUSTOM DIAL THERMOMETER INSTRUCTIONS

1. WHAT WE NEED FROM YOU

Providing the right artwork and brand information helps us create the best possible finished dial.

YOUR LOGO OR DESIGN

Vector artwork is preferred.

For the sharpest reproduction, please provide your logo or design in one of these formats:

.EPS | .AI | Vector .PDF

The higher the quality of the original artwork, the better the final printed result.

Don't have vector artwork? If you cannot provide vector artwork, please provide your custom design or logo as a .jpeg file at 300 dpi and we'll review it.

YOUR FONTS

Have a specific corporate or brand font?

Please provide:

Font name(s)
Font files, if available
Any specific requirements for how the font should be used

Don't know the font?
Our team can help identify or closely match it.

YOUR COLORS

If your brand requires specific colors, please provide the appropriate color values whenever possible:

PMS / Pantone® | CMYK | RGB

Providing defined color values helps Tel-Tru reproduce your brand colors as accurately and consistently as possible.

Don't have color specifications?
We'll work from your supplied artwork to find the closest appropriate match.

2. DESIGNING YOUR CUSTOM DIAL

Tel-Tru's standard dial surface is silver (anodized aluminum dial material).

Whenever possible, we recommend against a full color print background whenever possible.

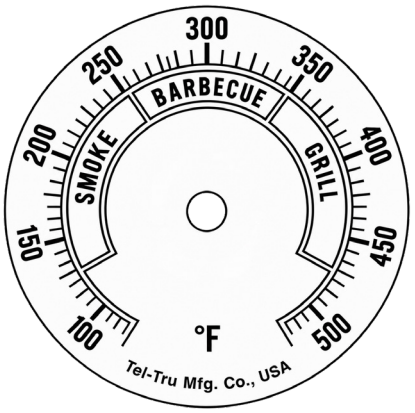
CONSIDER CO-BRANDING

Tel-Tru recommends co-branding custom dials, although it is not required.

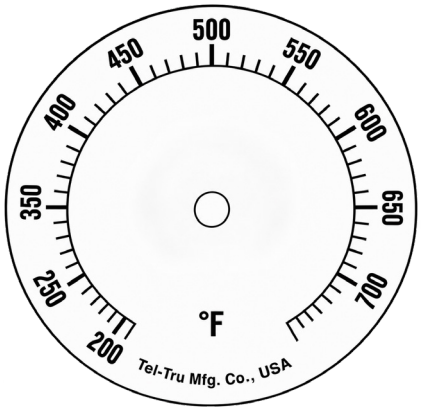
On a co-branded dial, your brand can take the primary position while the following identification appears along the lower portion of the dial:

"Tel-Tru Mfg. Co., USA"

The Tel-Tru identification is typically printed on an arc within the lower portion of the dial print area as seen in the example to the right.



Standard BBQ Template



Standard Dial Template

COMMON TEMPLATES

To the right are two common custom dial thermometer templates that you can use as a guide to help design your custom dial. You are not limited to these templates, but they are the most standard configurations.

Download the templates here.

For the BBQ template, the "Smoke, Barbecue, Grill" text can have different color backgrounds.

The two common color schemes are:
Black, Red and Blue.
Grey, Red, and Blue.
Please see the 250th and 110th Dials below as an example.

250th Dial

110th Dial

For fully custom color schemes, just let us know what your color codes are and where you would like them.

3. KNOW YOUR PRINT AREA

Your available artwork area depends on the diameter and style of the thermometer dial.

Dial Thermometer	Available Dial Print Area
1"	0.90"
1-3/8"	1.09"
1-3/4"	1.40"
2"	1.75"
3"	2.69"
3" Ring Cup	2.06"
4" Ring Cup	2.75"
5" Ring Cup	3.40"

SMALL DIAL. BIG IMPACT.

Remember that logos, numbers, temperature markings and other information all need to work together within a relatively small space.

Keeping artwork simple helps maintain clarity and readability on the finished thermometer.

4. FROM ARTWORK TO APPROVED DIAL

Every custom dial goes through Tel-Tru's **2-Step Approval Process** before production.

STEP 1 — ARTWORK APPROVAL

You provide your artwork. We prepare it for the dial.

Send Tel-Tru your logo, colors, fonts and any desired layout direction.

Our team will prepare dial artwork for your review.

Artwork samples provided by Tel-Tru are intended as design options for consideration. Customers may also provide their own preferred dial layout.

Because dial printing has specific production requirements, customer-supplied layouts may require adjustments by Tel-Tru to achieve the best printed result.

YOU REVIEW → REQUEST CHANGES → APPROVE ARTWORK

STEP 2 — PRINTED DIAL APPROVAL

See the real thing before production.

Once the artwork is approved, Tel-Tru will produce an actual printed dial sample.

You'll receive a **photo of the printed dial** for final approval.

When necessary, a physical printed dial sample can also be shipped for review.

APPROVE PRINTED SAMPLE → PRODUCTION

READY TO CREATE YOUR CUSTOM DIAL?

Send Us Your Custom Dial Information

Before contacting Tel-Tru, use this checklist to gather what you have available:

- ☐ Thermometer part number
- ☐ Dial size
- ☐ Calibration adjustable
- ☐ Connection type (back, lower, or adjustable angle)
- ☐ Connection size
- ☐ Probe length, diameter and material
- ☐ Lens material
- ☐ Application
- ☐ Temperature range
- ☐ Logo artwork (.EPS, .AI or vector .PDF preferred)
- ☐ Required font(s)
- ☐ Brand color specifications (PMS, CMYK or RGB)
- ☐ Co-branding preference
- ☐ Desired dial layout or design direction
- ☐ Reference artwork or existing dial, if applicable
- ☐ Estimated order quantity

Don't have everything on the list? That's okay.

Tel-Tru can help you determine what's needed and guide you through the custom dial process.

YOUR BRAND. YOUR DIAL. TEL-TRU PRECISION.

START YOUR CUSTOM DIAL ORDER