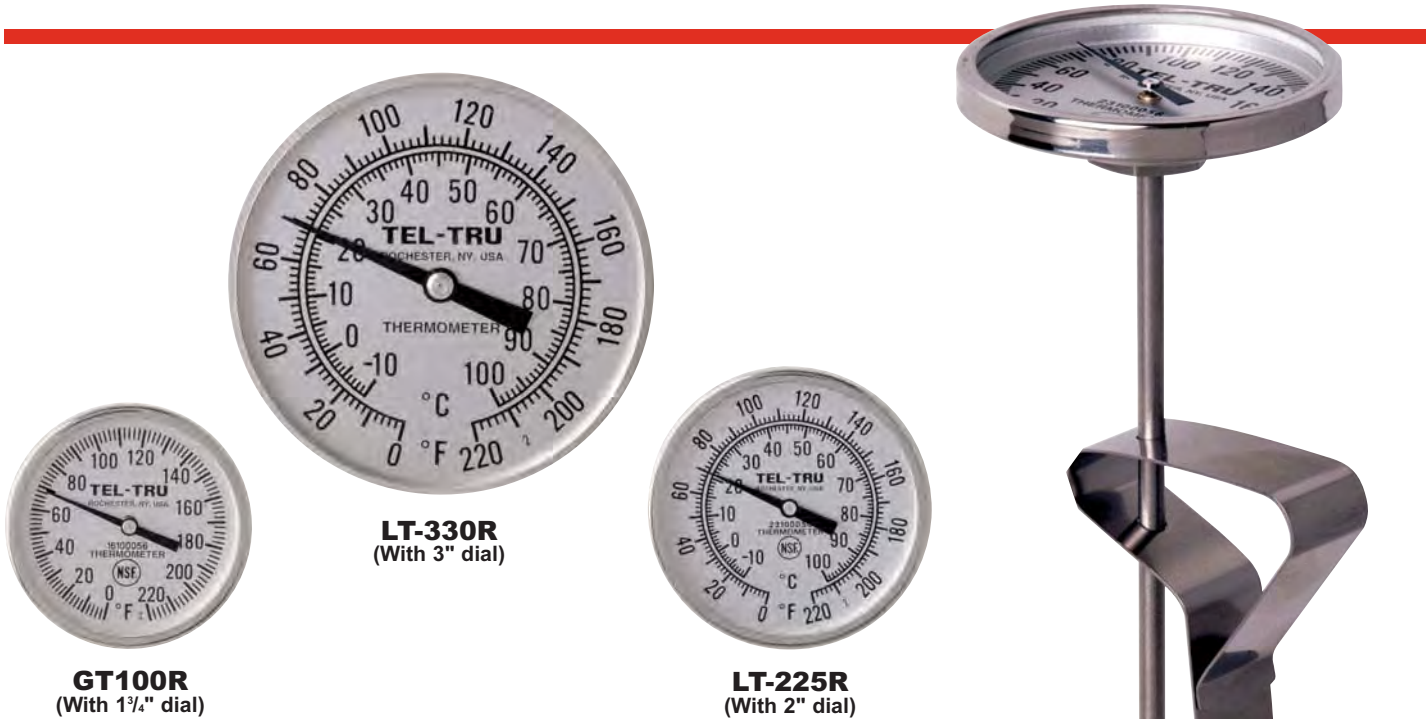


# 1<sup>3</sup>/<sub>4</sub>", 2" and 3" Laboratory Testing and General Purpose Thermometers

These models are used for general-purpose testing applications such as laboratory, food, concrete, asphalt, soil and photography and OEM equipment.



**GT100R**  
(With 1<sup>3</sup>/<sub>4</sub>" dial)

**LT-330R**  
(With 3" dial)

**LT-225R**  
(With 2" dial)

► **MODEL CODES:**

- GT-100 and MT-39      1<sup>3</sup>/<sub>4</sub>" diameter head
- GT-100R and MT-39R      1<sup>3</sup>/<sub>4</sub>" diameter head with calibration feature
- LT-225      2" diameter head
- LT-225R and BT-275R      2" diameter head with calibration feature
- LT-330R      3" diameter head with calibration feature

► **SPECIFICATIONS:**

- Stem Lengths:      5", 8", 12" and 18".
- Stem Diameter:      .150" standard up to 18" stem.
- Connection:      GT-100, MT-39 and LT-225 plain bushing is standard.  
GT-100R, MT-39R, LT225R, BT-275R and LT-330R recalibrating nut is standard.
- External Reset:      GT-100R, MT-39R, LT-225R, BT-275R and LT-330R friction nut design for easy calibration.
- Construction:      304 stainless steel external parts. Welded construction. Corrosion resistant to most chemicals.
- Hermetic seal:      Per ASME B40.3 dustproof and leakproof.
- Dial:      Anodized aluminum with large black numbers and graduations.
- Lens:      GT, MT, and LT models glass is standard.  
LT-330R polycarbonate lens is standard.
- Bimetal Coil:      Helix coil is silicone coated on ranges below 500°F for vibration dampening and to maximize heat transfer and response time.
- Accuracy:      ±1% full span per ASME B40.3 Grade A.
- Over Temperature Limits:      Up to 250°F 100%; 250°F to 550°F, 50%; 550°F to 1000°F, continuous use up to 800°F, intermittent use over 800°F.
- Adjustable Pan Clip:      Standard on 5" and 8" GT-100R, LT-225R and LT-330R (for tank and tray mounting).





**Tel-Tru Manufacturing Company**

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➤ **STANDARD RANGES 1 3/4" AND 2" MODELS:**

Fahrenheit		%/Div.	Celsius		Dual	
			%/Div.	Fahrenheit	Celsius	
-100/100	2°	-75/175	5°	-100/100	-75/40	
-50/120	2°	-50/100	1°	-40/160	-40/70	
-40/160	2°	-50/25	1°	0/140	-18/60	
0/140	2°	-50/50	1°	0/180	-18/82	
0/180	2°	-40/70	1°	0/220	-10/100	
0/200	2°	-20/120	1°	0/250	-20/120	
0/220	2°	-10/110	1°	20/240	-10/110	
0/250	2°	0/50	1/2°	25/125	0/50	
20/240	2°	0/100	1°	50/300	10/150	
25/125	1°	0/150	1°	50/400	0/200	
50/250	2°	0/200	2°	50/500	0/250	
50/300	2°	0/250	2°	150/750	50/400	
50/400	5°	0/300	5°	* 200/1000	*100/550	
50/500	5°	0/400	5°			
50/550	5°	100/400	5°			
150/750	10°	* 100/550	5°			
* 200/1000	10°					

➤ **DUAL TEMPERATURE RANGES MODEL LT-330R:**

Fahrenheit	%/Div.	Celsius	%/Div.	Est. Shipping Weights DRY
-100/100	2°	-75/40	2°	MT-39 and MT-39R . . . 4 oz.
-40/160	2°	-40/70	1°	GT-100 and GT-100R . . 3 oz.
0/220	2°	-10/100	1°	LT-225 and LT-225R . . . 4 oz.
25/125	1°	0/50	1/2°	LT-330R and BT-275R . 8 oz.
50/300	2°	10/150	2°	
50/500	5°	0/250	2°	
150/750	10°	50/400	5°	
* 200/1000	10°	* 100/550	5°	

**Notes for above tables:**

(Additional Ranges Available– Consult factory)

\* Thermometers with temperature ranges 200/1000°F and 100/550°C are NOT RECOMMENDED FOR CONTINUOUS USE ABOVE 800°F/425°C (FOR INTERMITTENT USE ONLY).

➤ **OPTIONS:**

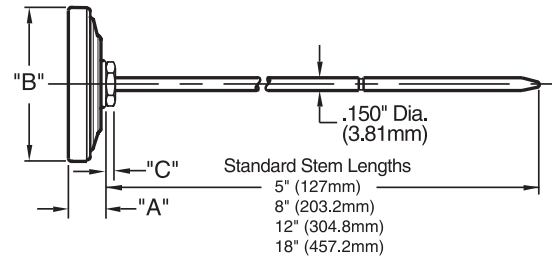
- Threaded connections on non-recal models.
- Other lenses are acrylic, polycarbonate or tempered glass.
- Other stem diameters .140" (3.6mm) and .187" (4.7mm).
- Pocket sheath for 5" or 8" stem.
- Silicone fill on LT225 and LT225R.
- Other configuration combinations available upon request.

➤ **FOR HOW TO ORDER, SEE PAGE 6**

➤ **IMPORTANT NOTES:**

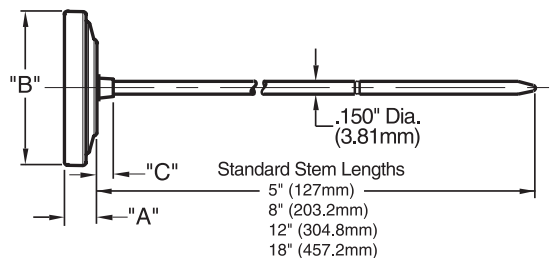
- 1) IMMERSION– For most accurate reading with Tel-Tru thermometers immerse past groove on lower portion of stem.
- 2) MT and BT models are designed with Tel-Tru unique pressure relief ring feature designed to prevent pressure build up in thermometer head while cooking in hot oven.
- 3) Some models and ranges are NSF® certified (National Sanitation Foundation).

➤ **GT-100R, MT-39R, BT-275R AND LT-225R**



MODEL	"A"	"B"	"C"
GT-100R, MT-39R	.412" (10.47mm)	1.750" (44.45mm)	.102" (2.59mm)
LT-225R, BT-275R	.438" (11.13mm)	2.089" (53.06mm)	.120" (3.05mm)

➤ **GT-100, MT-39, and LT-225**



MODEL	"A"	"B"	"C"
GT-100, MT-39	.350" (8.89mm)	1.750" (44.45mm)	.187" (4.75mm)
LT-225	.438" (11.13mm)	2.089" (53.06mm)	.250" (6.35mm)

➤ **LT-330R**

