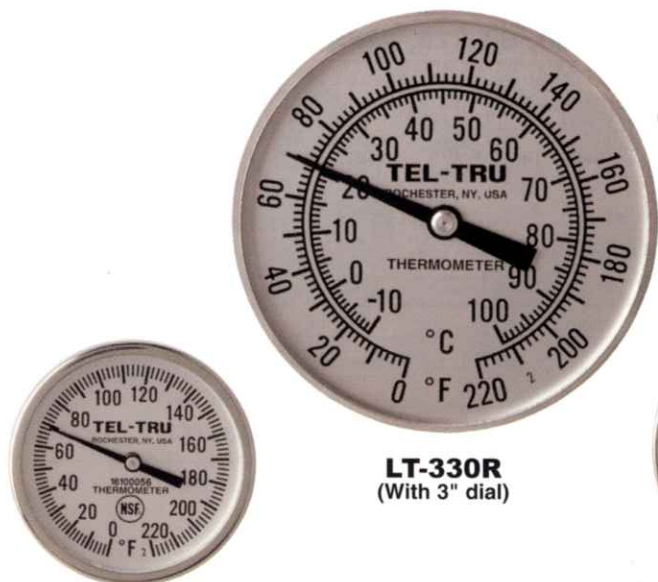


## 1 3/4", 2" and 3" Laboratory Testing and General Purpose Thermometers

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



**GT100R**  
(With 1 3/4" dial)

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



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



### ► MODEL CODES:

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

408 St. Paul St., Rochester, New York 14605 USA

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### STANDARD RANGES 1 3/4" AND 2" MODELS:

Fahrenheit	°/Div.	Celsius	°/Div.	Dual Fahrenheit	Dual 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:

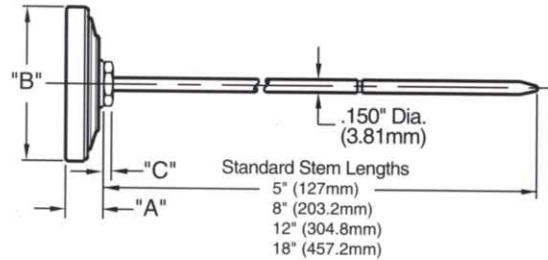
- Threaded connections on non-recal models.
- Other lenses are acrylic, polycarbonate or tempered glass.
- Other stem diameters .140" (3.6mm) and .187" (4.7mm).
- Pocket sheath for 5" or 8" stem.
- Silicone fill on LT225 and LT225R.
- Other configuration combinations available upon request.

### FOR HOW TO ORDER, SEE PAGE 6

### IMPORTANT NOTES:

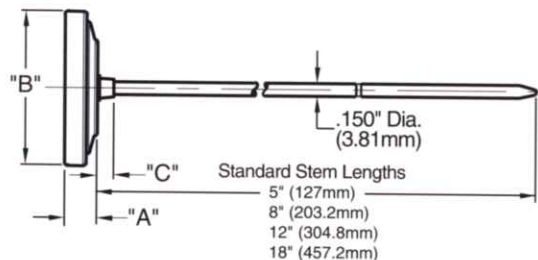
- 1) IMMERSION— For most accurate reading with Tel-Tru thermometers immerse past groove on lower portion of stem.
- 2) MT and BT models are designed with Tel-Tru unique pressure relief ring feature designed to prevent pressure build up in thermometer head while cooking in hot oven.
- 3) Some models and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

