

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:

GT-100 and MT-39	1 3/4" diameter head
GT-100R and MT-39R	1 3/4" 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).





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► STANDARD RANGES 1³/₄" AND 2" MODELS:

Fahrenheit	°/Div.	Celsius	°/Div.	Dual	
				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.
-100/100	2°	-75/40	2°
-40/160	2°	-40/70	1°
0/220	2°	-10/100	1°
25/125	1°	0/50	1/2°
50/300	2°	10/150	2°
50/500	5°	0/250	2°
150/750	10°	50/400	5°
* 200/1000	10°	* 100/550	5°

Est. Shipping Weights	
MODEL	DRY
MT-39 and MT-39R	4 oz.
GT-100 and GT-100R	3 oz.
LT-225 and LT-225R	4 oz.
LT-330R and BT-275R	.8 oz.

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:

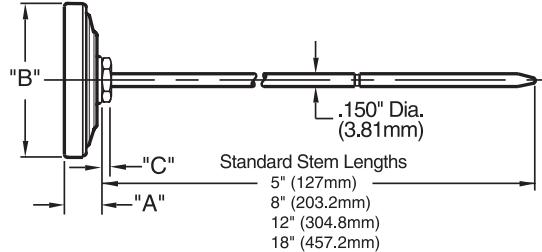
- Threaded connections on non-recal models.
- Other lenses are acrylic, polycarbonate or tempered glass.
- Other stem diameters .140" (3.6mm) and .187" (4.7mm).
- Pocket sheath for 5" or 8" stem.
- Silicone fill on LT225 and LT225R.
- Other configuration combinations available upon request.

► FOR HOW TO ORDER, SEE PAGE 6

► IMPORTANT NOTES:

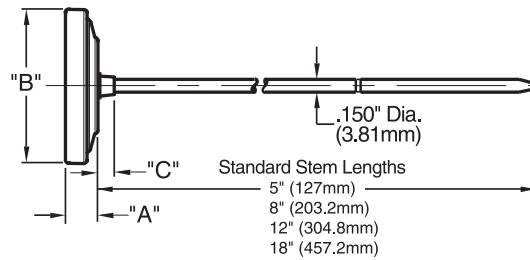
- 1) IMMERSION- For most accurate reading with Tel-Tru thermometers immerse past groove on lower portion of stem.
- 2) MT and BT models are designed with Tel-Tru unique pressure relief ring feature designed to prevent pressure build up in thermometer head while cooking in hot oven.
- 3) Some models and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

