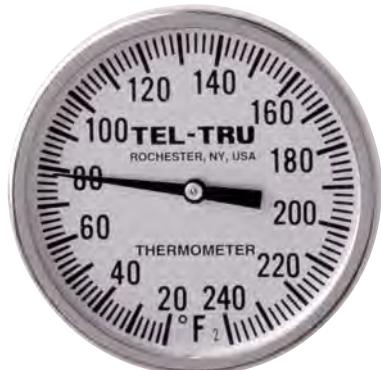


## 1<sup>3</sup>/<sub>4</sub>" and 2" Back Connected Industrial Thermometers

A smaller size, heavy duty, rear connected unit commonly used in OEM equipment and light industrial applications.



**GT-200**  
(With 1<sup>3</sup>/<sub>4</sub>" dial)



**LN-250**  
(With 2" dial)



### ► MODEL CODES:

GT-200	1 <sup>3</sup> / <sub>4</sub> " diameter head
GT-225	2" diameter head
LN-250	2" diameter head
LN-250R	2" diameter head with calibration feature

### ► SPECIFICATIONS:

Stem Lengths:	GT Models 2 <sup>1</sup> / <sub>2</sub> ", 4", 6", 8", 12", and 18". LN Models 2 <sup>1</sup> / <sub>2</sub> ", 4", 6", 9", 12", 15", 18" and 24" (available up to 120").
Stem Diameter:	GT model .150" standard up to 18" stem. LN model .250" standard up to 42" stem. LN model .375" is standard over 42" stem.
Connection:	GT models <sup>1</sup> / <sub>8</sub> ", <sup>1</sup> / <sub>4</sub> ", or <sup>3</sup> / <sub>8</sub> " NPT is standard. LN models <sup>1</sup> / <sub>4</sub> " NPT is standard.
External Reset:	LN-250R is easy to calibrate by loosening the socket head screw (above hex connecting nut) with <sup>5</sup> / <sub>64</sub> " Allen wrench.
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:	Glass.
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.





## Tel-Tru Manufacturing Company

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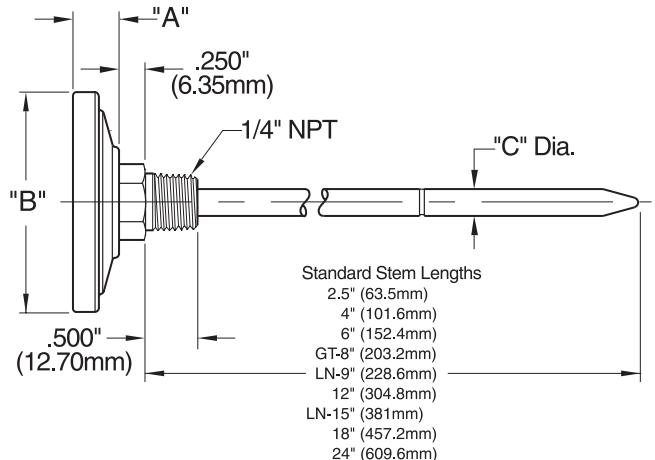
### ► STANDARD RANGES:

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°				

(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).

### ► GT-200, GT-225, AND LN-250



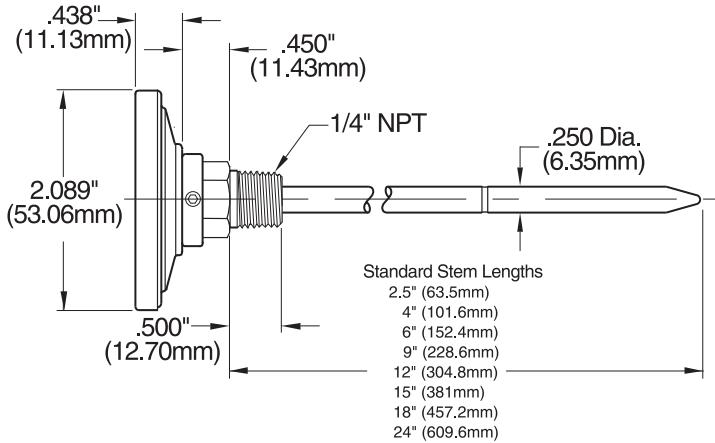
MODEL	"A"	"B"	"C"
GT-200	.350" (8.89mm)	1.750" (44.45mm)	.150" (3.81mm)
GT-225	.438" (11.13mm)	2.089" (53.06mm)	.150" (3.81mm)
LN-250	.438" (11.13mm)	2.089" (53.06mm)	.250" (6.35mm)

### ► OPTIONS:

- Other threaded or plain connections.
- Silicone filled.
- Other lenses are acrylic, polycarbonate or tempered glass.
- Other stem diameters GT-200/GT225 .140" (3.6mm) models. LN-250 .236" (6mm) and .375" (9.5mm).
- Other configuration combinations available upon request.

Estimated Shipping Weights		
MODEL	DRY	SILICONE FILLED
GT-200	3 oz.	N/A
GT-225	3 oz.	5 oz.
LN-250 and LN-250R	5 oz.	9 oz.

### ► LN-250R



### ► FOR HOW TO ORDER, SEE PAGE 6

### ► IMPORTANT NOTES:

- 1) Thermowells are recommended for pressure, corrosive fluid or high velocity applications.
- 2) ASME B40.3—Bimetal thermometers manufactured by Tel-Tru and offered in this brochure are designed to meet or exceed this Standard issued by the American Society of Mechanical Engineers.