



# Ultra Magnetic Industrial Rail Surface Thermometers



4 Magnet Base Fahrenheit  
Surface Thermometer



4 Magnet Base Celsius  
Surface Thermometer  
with Max-Min Hands



4 Magnet Base Fahrenheit  
Surface Thermometer  
With Max-Min Hands



4 Magnet Base Fahrenheit  
Surface Thermometer  
With Lazy Hand

- Conforms to AREMA Specifications
- 4-Magnet Base for Superior Holding Power
- Accuracy of  $\pm 2\%$  of Full Scale Range
- NIST Certification Available
- Every Unit Individually Calibrated
- Reliable Bimetallic Sensor
- Single or Dual Max-Min Hands Available

## APPLICATIONS

Surface temperature measurement for rail fabrication, weld preheats, foundry boxes, annealing ovens, furnaces motors, generators, engines, bearings, dies, molds platens, hot plates, griddles, boilers, tanks, drums or any application where a surface temperature needs to be monitored.

ISO 17025 ACCREDITED LABORATORY



## SPECIFICATIONS

Time Constant	0.6 to 1 Minute
Accuracy	$\pm 2\%$ of Full Range
Diameter	2 in (5.1cm)
Height	0.5 in. (1.3 cm)
Weight	2 oz (43 g)
Shipping Weight	1 lb. (454 g)

PTC® Industrial Railroad Thermometers conform to AREMA Specifications and are engineered to measure surface temperatures. Four alinico magnets form a base providing increased holding power.

The Models 350, 312, 315, and 330 FRR & CRR have a Lexan® plastic lens cover and a red indicating pointer. The Models 313 and 314 FRR & CRR have a glass cover and a black indicating pointer. The aluminum dials have easy to read scales and are individually serialized.

Model	Range	Divisions
312CRR	-20°C to 120°C	1°C
312FRR	0°F to 250°F	2°F
313CRR	-20°C to 250°C	2°C
313FRR	0°F to 500°F	5°F
314CRR	10°C to 400°C	5°C
314FRR	50°F to 750°F	10°F
315CRR	-15°C to 65°C	1°C
315FRR	0°F to 150°F	1°F
330CRR	-70°C to 70°C	2°C
330FRR	-100°F to 160°F	2°F
350CRR	-30°C to 170°C	1°C
350FRR	-20°C to 160°F	2°F