



9" SCALE INDUSTRIAL THERMOMETES

SIMPLE ADJUSTMENT

Just two screws permit case to be rotated 180° and stem to be positioned in 10° increments allowing user to select the most desirable viewing position.

EASY READABILITY

Lens front blue reading spirit filled thermometer tube is mounted on V-shaped aluminum scale with bold black lines and numerals

ACCURATE

Calibrated against standards traceable to the National Institute of Standards and Technology and guaranteed accurate to ± one scale division

CONSTRUCTION

Black molded Cylolac plastic case with glass front to exclude dirt and dust is standard for ranges up 400°F*(200°C). Black enameled die cast aluminum case is standard for ranges 550° (285°C) and over and is also available for all ranges on special order. Plastic face is optional at additional charge.

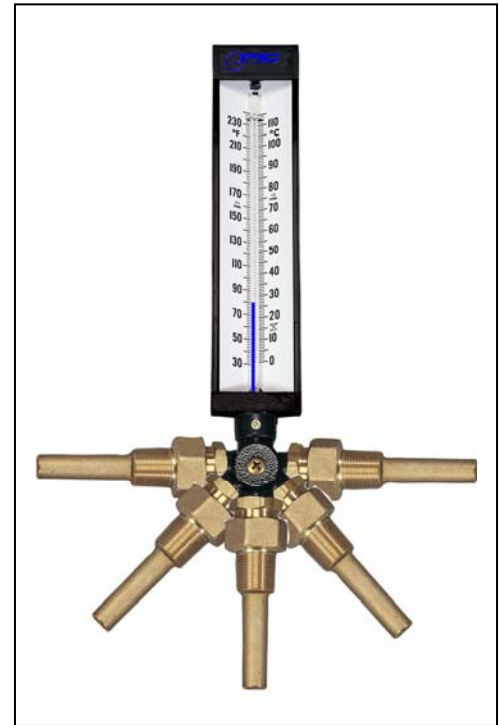
**Case should not be subjected to temperatures greater than 200°F*

CONNECTION ASSEMBLY

Swivel nut has 1 1/4-18" NEF thread. Bulb chambers are tapered to insure proper fit in well.

NOTE

Also available in Straight Form (Cat. No. 105) and 90° Back Angle Form (Cat. No. 115). Contact factory for price and availability.



SCALE SIZE	STEM LENGTHS			
	3 1/2"	6"	9"	12"
7"	AS5H7	AS5L7		
9"	AS5H9	AS5L9	AS5N9	AS5Q9

*Available Eco-Red filled – Add E to the end of the model number

WHEN ORDERING: Specify (1) Thermometer Catalog No. from the table above (2) Specify Range(s) required.

Also available as Air Duct Type and Thermowells

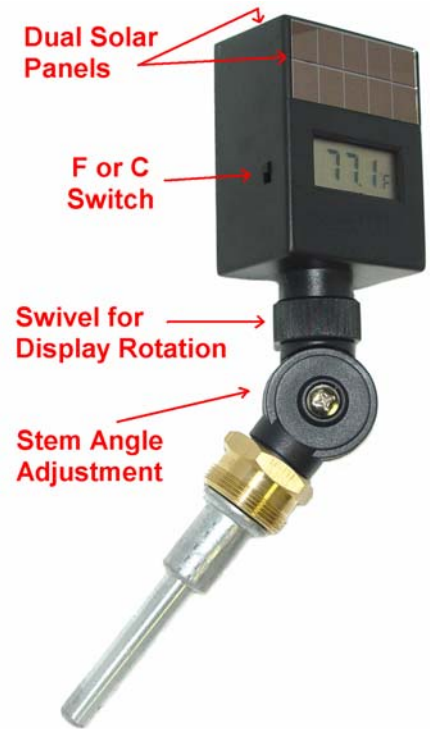


SOLAR DIGITAL THERMOMETER

The solar-powered DSI Series Thermometer fits any standard industrial thermometer well. The bold, hi-contrast display is easily read from greater distances than the typical glass tube thermometer. The unique design includes bi-directional solar panels, allowing the unit to collect light from multiple planes. The DSI Series Industrial Thermometer is furnished in one standard temperature range (-58 to 302°F & -50 to 150°C) which is switchable in the field greatly reducing inventory requirements.

Features:

- Dual Solar Panels** = Better light pick up in low light conditions
- F or C switching** = less inventory for more applications
- Swivel + Angle Adjustment** = suitable for all locations



SPECIFICATIONS

CASE: High Impact ABS Black Plastic
STEM: Aluminum, 3 1/2" Or 6"
CONNECTION: 1 1/4" - 18 UNEF Brass Jam Nut
SENSOR: Glass Passivated Thermistor
RANGE: -58° To 302°F (-50 To 150°C), Field-Switchable Between °F & °C
DISPLAY: LCD, Black Character, 1/2" High With Gray Background

ILLUMINANCE: Bi-Directional Solar Collectors, 35 Lux
UPDATE TIME: 6 Times Per Minute
ACCURACY: Greater Value Of 1° Or 1% Of Reading
RESOLUTION: 0.10° Between -58° To 199.9°F (-50° To 93°C)
RECALIBRATION: Internal Potentiometer
ENVIRONMENTAL CONDITIONS:
AMBIENT TEMPERATURE: -30° To 140°F (-35° To 60°C)
AMBIENT TEMPERATURE ERROR: None
MAXIMUM HUMIDITY: 100%

DIMENSIONS

	DSI-FC-35	DSI-FC-6
	3 1/2" Stem	6" Stem
A	3.20	3.20
B	7.56	10.06
C	5.75	8.25
U	2.50	5.00



THERMOWELLS

		Brass	316SS
Standard – Non Lagging			
3 1/2"	Std	TWB-35	T4E3D2
	Lag	TWB-35-LAG	T4E3D2B
6"	STD	T1M3D2	T4M3D2
	Lag	T1M3D2E	T4M3D2E

160 SERIES 5" SCALE THERMOMETER

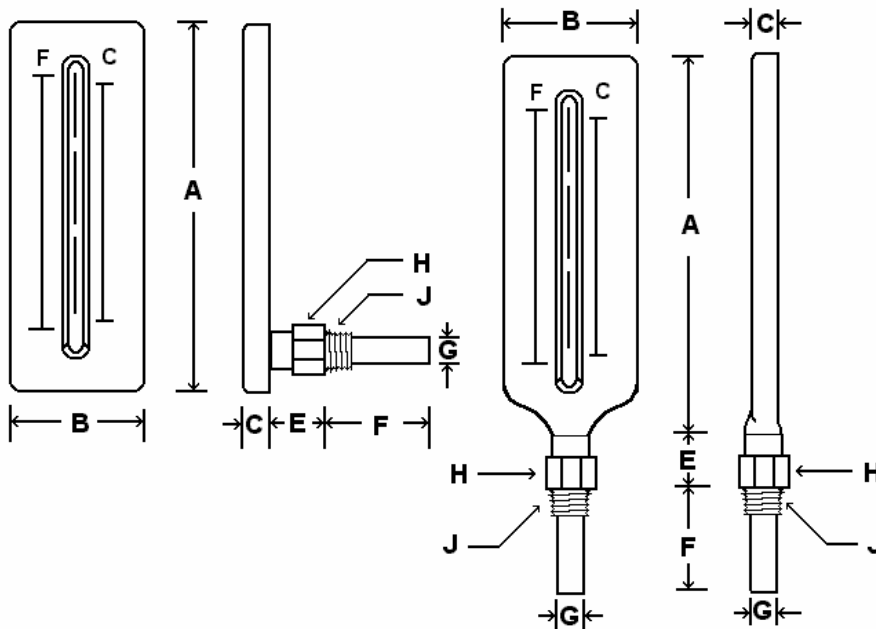
STANDARD FEATURES

- 5" White Painted Steel Scale
- Black Marking
- Dual Scale 40/280°F & 15/135°C
- Red Liquid Filled (No Mercury)
- ½" NPT Connection
- Brass or Steel Well
- Bottom or Back Connection
- +/- 1 Scale Division Accuracy



162F

163FS



Model Numbers

Part #	Stem	Well
162F	Bottom	Brass
162FS	Bottom	Steel
163F	Back	Brass
163FS	Back	Steel

Type	A	B	C	E	F	G	H	J
Bottom	7 ¾"	1 13/16"	3/8"	1"	2 1/8"	15/32"	7/8"	½" NPT
Back	7"	1 13/16"	3/8"	7/8"	2 1/8"	15/32"	7/8"	½" NPT