

# PRECISION INSTRUMENT COMPANY

## Digital Solar Industrial Thermometer 'DSI-FC'

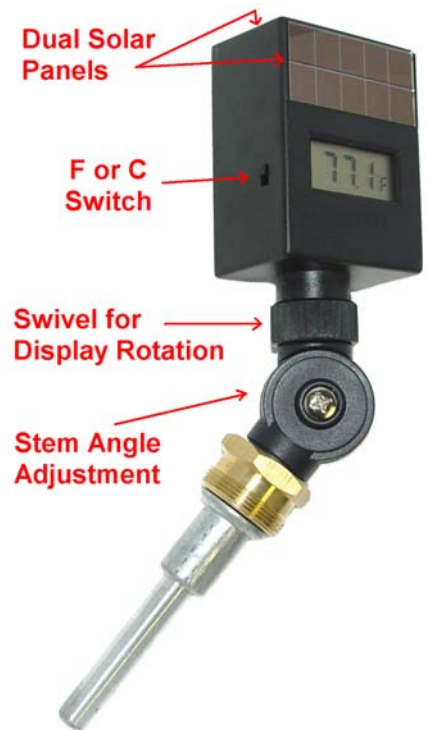
The solar-powered DSI Series Thermometer fits any standard industrial thermometer well. The bold, hi-contrast display is easily read from greater distances than the typical glass tube thermometer. The unique design includes bi-directional solar panels, allowing the unit to collect light from multiple 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



Standard – Non Lagging



Lagging Extension

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

Toll Free: 888-650-6923

Fax: 770-429-0795

Web: [www.PICgauges.com](http://www.PICgauges.com)

Email: [Sales@PICgauges.com](mailto:Sales@PICgauges.com)