

GLOBAL SENSORS DIGITRON

## Platinum RTD Digital Thermometer

Digital thermometers with higher accuracy usually suffer from being a bit fragile for going into the work area and being used on a regular basis. This time tested instrument is well suited for field measurements and also uses a high accuracy thin film RTD sensor that is extremely stable. That means that there will be years of service with the calibration holding within tolerance.

Higher accuracy is gained by using an integral probe. The probe and the instrument are matched, so each is individually calibrated. Calibration is traceable to NIST standards.

Field utility of this instrument is enhanced by the "wrap around" design. The illustration at left shows the probe and cable extended for use. The cable wraps around the unit in a specially design groove and the probe handle snaps in place.

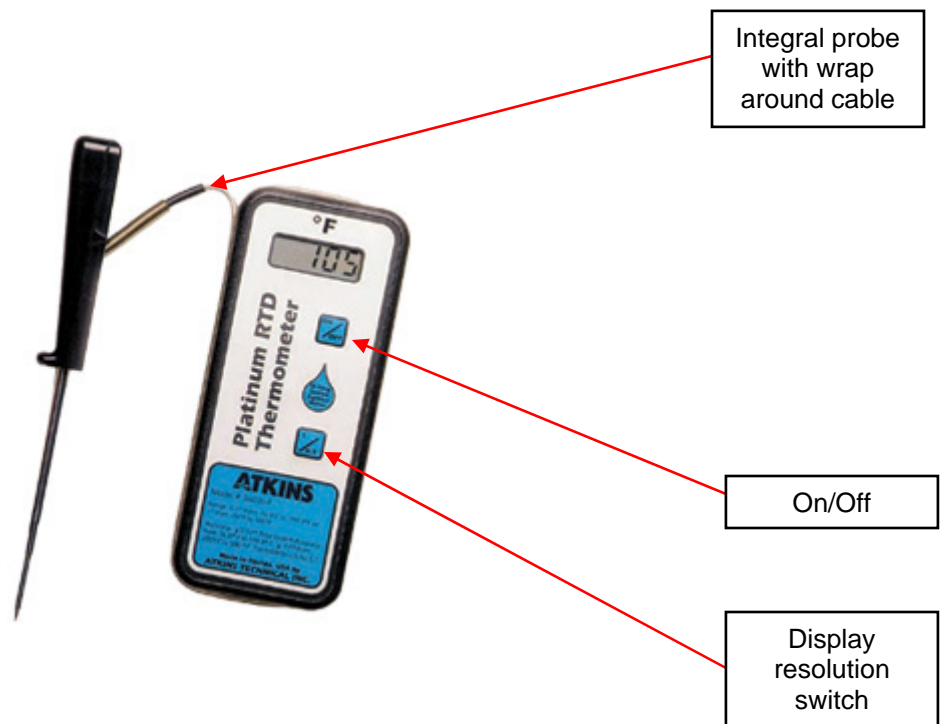
ITEM	PRICE
Platinum Heavy Duty Therm.	\$240.00
Quantity Discounts Available	
Call Sales Line	

© 2011 Global Sensors, LLC.  
All rights reserved.

# Global Sensors Platinum Heavy Use Digital Thermometer

*This rugged unit has been time tested for applications where field conditions are not good for instruments that are essentially lab grade.*

*The probe handle and shaft are very durable.*



**PRODUCT SPECIFICATIONS**

PS#53

Accuracy	$\pm 0.5^{\circ}\text{F}$ from $-76.0^{\circ}\text{F}$ to $199.9^{\circ}\text{F}$ & $\pm 1^{\circ}\text{F}$ from $200^{\circ}\text{F}$ to $500^{\circ}\text{F}$
Cable	Durable inner-woven-metal cable withstands $500^{\circ}\text{F}$ heat and 50 lb pull
Waterproof Feature	Covered switches and housing
Waterproof Feature	O-Ring sealed for water resistance.
Battery	500-hour replaceable battery (9VDC -- 1000 hours with Lithium 9VDC)
Display	Low battery alert on LCD.
Cable Stowage	Stow-away 29" cable wraps around unit (see illustration above)
General Advantages	Handle strips to hold and protect probe, or snaps into up or down working position Platinum sensor for best long-term stability
Probe Handle	4" long heavy-shank needle probe, stepped down at tip for fastest response with durability
Temperature Resistance of Probe Lead and Body	Complete cable, handle and probe usable to $470^{\circ}\text{F}$ . OK in ovens
Food Safe	Materials FDA approved for food contact (G.R.A.S.).
Display Resolution	Readable in $0.1^{\circ}$ increments up to $199.9^{\circ}$ Readable in increments of $1^{\circ}$ above $199.9$ .

