



W.L. WALKER CO. INC.  
Established 1926

## The Walker Tulsa Ranger™ Gold Series



**Cabled Ranger 25'**  
**#69878086 \$689.00**



**Traditional Ranger**  
**#69878087 \$650.00**



**Snow Shoe Ranger 75'**  
**#698780875**

### Features:

1. User selectable auto-off timer to save battery life
2. Resolution of 0.1 and 0.01
3. 10-minute timer on backlight to save battery life
4. Averaging function
5. Auto-Sample function with average feature
6. Easy F to C switching
7. Backlit LCD with indicating arrows indicating rate of change
8. 3 Point calibration
9. Rotating rigid probe
10. Cable units available Up to 75'
11. Stainless Steel By Request
12. Machine Billet Aluminum body
13. Anodized coating for corrosion protection
14. Highly durable membrane switch faceplate
15. Glow in the dark keypad
16. Auto backlight upon power up function (Hold)
17. Data Logging through Hidden Data Port via custom USB cable (Upon request). (Not
18. Custom Protective Case available for units with cabled probes.
19. Custom Anodized Aluminum Case Available For Traditional Gold Series Tulsa Ranger™.



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# SPECIFICATIONS

## Display:

Amber backlit LCD with 0.45" characters, trend indication arrows, low battery & fault indication

## User Function:

Auto sample function with averaging  
Temperature list with averaging function  
Switchable from °F to °C  
User Selectable auto-off timer  
Selectable Resolution of 0.1 or 0.01

## Construction:

Stainless steel temperature probe and sensor.  
Electronics and display in CNC machined Aluminum enclosure. Highly durable display window, graphics and membrane switches.

**Weight:** .7lbs

**Temperature:** Resolution to 0.1°

Average Calibrated Accuracy:  $\pm 0.080^{\circ}\text{F}$  ( $32^{\circ}$ - $300^{\circ}\text{F}$ ) &  $\pm 0.048^{\circ}\text{C}$  ( $0^{\circ}$ - $150^{\circ}\text{C}$ )

## Time Constant:

7 seconds in circulated water bath Constant:  
(63.2% response to temperature change)

## Electronics:

Ultra Low Power Micro controller, FLASH Memory, 20 bit A/D Converter Recommended  
Ambient Temperature Range for best accuracy  
 $32^{\circ}\text{F}$  to  $112^{\circ}\text{F}$ ,  $0^{\circ}\text{C}$  to  $44^{\circ}\text{C}$

## Sensor:

100 Ohm, Class A Platinum RTD  
Immersion depth 4", 11cm

## Battery:

Energizer Ultimate Lithium L92 Intrinsically Safe Rated AAA  
Battery life (depending upon use) 25-150 hrs  
Battery Operating Range:  $-40^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ )  
Note: Battery may not provide adequate power if ambient temperature is below Battery Operating Range.

## TYPICAL APPLICATIONS

Custody transfer, temperature baths, reference, temperature calibration for flow meters, thermowells, provers, reference, distillations, melting point tests, and flash point tests.

**Industries:** Laboratory, Petroleum, Pipeline, Pharmaceutical, Food & many more.

**Certifications:** Intrinsically safe for use in Class I, Division I Groups A, B, C, & D. Class 1, Zone 0, Group IIC Hazardous Locations CSA C/US A/Ex ia IIC T4



Case for the Traditional Style Tulsa Ranger™

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