

1502A “Tweener” Thermometer

**Best performance thermometer
in its price range**



- PRT readout with accuracy to ± 0.006 °C
- Reads both 100 ohm and 25 ohm probes
- 0.0001 °C resolution across its entire range
- Optional battery pack available for portable operation
- Smallest unit in its class

The Tweener thermometer is one of Hart's best selling products. No other company has a thermometer that comes close to the performance and features of the Tweener for anywhere near its price.

Each 1502A thermometer is easily programmable through front-panel keystrokes, to match a probe's constants for maximum linearity and accuracy.

For convenience, the 1502A reads the IEC-751 or “385” ALPHA RTD without any programming. Temperature is displayed in °C, °F, K or resistance in ohms.

Each thermometer comes complete with an RS-232 interface for automating temperature data collection, calibrations, or process control functions. An optional IEEE-488 interface is also available.

9934 LogWare software lets you use the 1502A for real-time data acquisition. MET/TEMP II software lets you use the 1502A as an automated reference thermometer.

Ordering Information

Models

1502A-256 “Tweener” PRT Thermometer (220 V)

Options & Accessories

2502 DC Power Option

2505 Spare Connector

2506 IEEE Option

2507 Mini-Printer

2508 Serial Cable Kit

9313-256 Battery Pack

9301 Carrying Case, fits Tweener and 30 cm probe

9308 Carrying Case, fits Tweener and 15 cm probe

Software

9934-S LogWare, Single Channel, Single User

9934-M LogWare, Single Channel, Multi-User

9938-25 MET/TEMP II (includes CD-ROM, RS-232 multiplexer, adapter, and PC cable), (220 V)

Probes

See page 9 for optional probes.