

Dipstick Thermometer Systems

Dipstick Thermometer Systems

Measure Molten Metals Quickly, Safely, and Accurately

- Measure ferrous and nonferrous molten metals
- User-selected lance lengths and expendable or reusable tips
- Bright, large displays make readings easy to see
- Maxi-Temp circuit holds peak temperature
- Resolution 1°F/°C; system accuracy ±0.3% or reading

Wahl's family of Heat-Prober Dipstick high-temperature monitors combine high accuracy, fast-response, comfort, and convenience in rugged, reliable systems. Special Wahl "dip tip" Type K and S thermocouples are designed to measure molten metals and other high temperature processes.

All systems feature the Maxi-Temp circuit that holds and displays peak temperature reading, even if the expendable tips burn open. System accuracy at molten metal temperatures with a Wahl meter and probe is typically ±9°F with a Type S thermocouple and ±11° with a Type K. Dipstick can be configured with any 2500/1370 Series Meter.



Type S Systems Ferrous Metal Systems to 3200°F/1770°C

Use in molten iron and steel alloys with or without slag for measuring melts in ladles and melt-pots. Stable readings are obtained in 6-8 seconds. Dipstick comes with one expendable tip. Spare tips are sold separately.

- **TC840-1** 48" length dipstick with 45° angle bend (12" from tip), meter with RTC832 expendable tip, °F or °C
- **TC840-2** 60" length dipstick with 45° angle bend (12" from tip), meter and RTC832 expendable tip, °F or °C
- **TC840-3** 60" straight dipstick meter with RTC832 expendable tip, °F or °C
- **RTC832** Expendable Type S 1-3/4" quartz covered (exposed) tip for shallow dips, box of 100.
- **RTC832S** Expendable Type S 1-3/4" quartz covered (exposed) tip with 12" cardboard sleeve for deeper dips, slag, box 50.
- **RTC832SCL** Expendable Type S 1-3/4" quartz covered (exposed) tip with 12" ceramic impregnated sleeve for better protection, box 50.

Optional tips for molten gold available.

Expendable Type S tips
RTC832 and RTC832S

Type K Systems Nonferrous Metal Systems to 2500°F/1370°C

Rugged reusable chrome-tip with Type K thermocouple measures nonferrous metals such as brass, bronze and aluminum, and enclosures such as furnaces, stacks, and ovens. It can be used for hundreds of dips, depending on composition of process materials.

- **TC850-1** 55" length dipstick with right angle bend, meter, chrome/iron tip 1/2" diameter x 8" long, °F or °C
- **TC850-2** 72" length dipstick with right angle bend, meter, chrome/iron tip 1/2" diameter x 8" long, °F or °C
- **10693-2** Replacement 8" chrome/iron tip
- **10694-2** Replacement 15" chrome/iron tip



TC850 Type K Dipstick for
nonferrous metals

