Thermocouple Features

Thermocouples

At Skutt we believe in giving the customer the choice to match the thermocouple that best suits your needs. There are currently 4 types of thermocouples used on the market today and each have their advantages. For more detailed information on choosing a thermocouple read What is a Thermocouple and How To Evaluate Thermocouples.

8-Gauge Type K - Standard with Every KilnMaster Kiln
- Double the Life - We supply a free replacement with each new kiln.
- Accurate - We use only Special Limit Wire which is tested to very highest standards.
- Responsive - Because it does not have a heavy protection tube this thermocouple is extremely responsive.
- Durable - The 8-Gauge wire with low mass ceramic insulators is tough.
- Value - Replacement thermocouples are inexpensive and easy to install.

Recommended Applications - Low Fire Ceramics. Occasional High Fire Fire OK.

Type S - Special Order Upgrade ($200 MSRP)
- Cone 10 - This thermocouple can hold up to the high demands of High Fire applications firing after firing.
- Accurate - Type S wire is the most accurate thermocouple wire available.
- Responsive - The low mass ceramic protection tube insures that this thermocouple remains responsive.
- Long Life - This thermocouple does not degrade and will virtually last forever if not broken.
- No Drifting - Since this thermocouple does not degrade it will not drift.
- Sealed tube - Protects probe from kiln atmosphere.

Recommended Applications - High Fire Ceramics and Applications where high precision is critical.

Type K MI Cable - Standard with Every GlassMaster Kiln
- Accurate - At low fire temperatures this thermocouple is very accurate.
- Responsive - The low mass thermocouple shield insures responsiveness and eliminates flaking.
- Durable - The low mass shield is tough.
- Long Life - At low fire temperatures this thermocouple will last a long, long time.

Recommended Applications - Low Fire Ceramics and Glass

8-Gauge Type K w/Ceramic Protection Tube - Special order only
- A low mass protection tube is currently not available for this thermocouple and therefore we are only recommending this unit for specialized applications. Please contact the factory for details.

Important - Type S thermocouples may only be used with a Type S controller and Type S thermocouple lead wire and vice-a-versa. Misuse could result in an overfire.