

The accurate measurement of mold, die, and polymer temperatures is critical in plastics processing. That's why Industry Professionals know to rely on EDL's Pocket-Probe® Plastics & Molding Temperature Kit for reliable equipment. The Pocket-Probe® Kit is perfect for the exacting professional that requires a 0.1° resolution. For use in the lab or on the production floor, EDL's Plastics Molding Temperature Kits have all of the tools necessary for testing mold, melt, and barrel temperatures.



This Kit Includes:

Kit Part #: [KIT-PDK \(Type K\)](#) or [KIT-PDJ \(Type J\)](#)

(1) Pocket-Probe® Pyrometer for Thermocouple Readings [Part # PDK or PDJ](#)

(2) 90° Surface Sensor Mold Probes [Part # SS90-12KE or SS90-12JE](#)

(2) 4" Needle Sensor Melt Probes [Part # NB-15GSOKF4E or NB-15GSOJF4E](#)

(1) HBET Interchangeable Sensor System [Part # HBET-KM or HBET-JM](#)

(1) Carrying Case [Part # CC-EZ](#)



(1) Pocket-Probe® Pyrometer

Part #PDK or PDJ

Our precision pyrometer delivers consistent, accurate readings and has been the industry's favorite for decades. It's reliable, user friendly, and built with durability in mind, featuring a durable ABS Nylon Alloy case. The Pocket-Probe® features 0.1° resolution, shows readings in both °F and °C, and comes with a five-year warranty. The Pocket-Probe® is compatible with all of our mini-plug terminated sensors of the same thermocouple type, allowing you to further customize your kit to your business's needs. General Factory Calibration is included; Lab Calibration is available upon request.





(2) 90° Surface Sensor Mold Probes

Part #SS90-12KE or SS90-12JE

The EDL Surface Sensor (SS) is one of the most well recognized and best trusted temperature sensors available on the market. The proprietary self-aligning two-coil tip is ideal for measuring flat and smooth surfaces. It offers accurate results and a fast response time. This sensor is equipped with an "E" termination for use with the HBET system and is also available in straight and 45° versions.



(2) 4" Needle Sensor Melt Probes

Part #NB-15GSOKF4E or NB-15GSOJF4E

This 4" long, 0.072" diameter needle sensor is fast-reading and rugged, perfect for monitoring melt and barrel temperatures. It can be used inside melt, bolt, and nozzle assemblies, and it is ideal for testing purge temperatures. This high temperature sensor is built to withstand constant daily use and is easily cleaned.

(1) The HBET Interchangeable Sensor Holder

Part #HBET-KM or HBET-JM

The HBET Interchangeable Sensor System is the easiest and most economical way to eliminate the need for replacing sensors with damaged leads. This system utilizes cost effective sensor tips, instead of sensors with leads. The reinforced Holder is equipped with a 32" long, stranded Teflon® insulated lead wire with durable Stainless Steel over braid and mini-plug termination. The sensor tips directly plug in to this Holder. The Holder is then connected to the E-Z Probe® Pyrometer (or instrument of your choice); eliminating the need for purchasing replacement sensors with costly leads. Any EDL sensor tip, designated with an "E" termination, may be easily inserted into the Holder. This system features an exclusive locking system designed to keep the sensor tip in place during use. Since the interchangeable "E" terminated sensor tip is separate from the handle and lead, you never have to replace a complete sensor again! Leading to a savings of over \$20.00 per tip replacement. This adds up over the life of the system! Additionally, all of EDL's sensors can be made with an "E" termination, meaning you can completely customize your system to your business' specific needs.



(1) Carrying Case (Shown on Reverse)

Part #CC-EZ

EDL Temperature Kits are housed in a durable Cordura case with a custom foam insert, to protect your precision equipment and allow for convenient storage of the kit components, including instruction manuals. This case keeps your instrument and sensors safe and secure.

Additional Sensors, Custom Sensors, and Calibration Services

EDL offers a comprehensive range of in-stock sensors that can be added to this kit to create a system more closely tailored to your company's needs. If you need to expand or customize your measuring equipment, everything in this kit may also be purchased separately. Beyond that, we can build custom sensors for the most exacting specifications. We also offer metrology devices and in-house calibration to ensure that your tools are operating within tolerance. Visit our website at www.edl-inc.com or email us at sales@edl-inc.com for more information on additional sensors and services.