

Pocket-Probe® Digital Pyrometer Models

Digital Pyrometers

EDL offers a Pocket-Probe® heavy duty digital pyrometer for virtually any requirement. These handcrafted instruments, coupled with our quality sensors, may be trusted to increase the efficiency and productivity of your entire operation. Laboratory grade results are achieved with the Pocket-Probe®, even when used on the production floor. The large, easy to read LCD display is switchable between °F and °C, and has a 0.1° resolution. Available with an optional shatterproof Lexan display and options package (including peak hold, peak hold memory and magnetic mounting), the Pocket-Probe® is ideal for the most exacting professionals requiring absolute trust in their temperature measurements. These units are available with NIST traceable calibration to meet your ISO standards. Durable and rugged, the Pocket-Probe® has been trusted by professionals for decades.

POCKET-PROBE® FEATURES:

Easy to Operate • Large, Easy to Read LCD Display (With Shatterproof Lexan Display Available) • Robust Heavy ABS Nylon Alloy Housing (Steel Housing Available) • Fast Response Times with High Noise Immunity • Sealed Unit Available for Environments Where Moisture May Be Present • Available in All Thermocouple Types • Low Battery Warning Display • Engineered to Give Years of Trouble Free Service • Accurate & Repeatable Readings • NIST Traceable Calibration Available • Cordura Case (p/n CC-PD) Available

Pocket-Probe® Digital Pyrometer

For Glass Manufacturing, Metals Industry, Chemicals, & Plastics

The Standard Pocket-Probe® Digital Pyrometer is available in thermocouple types K, J, T, and E. Trusted by industry professionals for decades, it's a favorite of the Plastics and Glass Industries. This robust instrument is housed in an extremely durable ABS Nylon Alloy Plastic and has a 0.1° resolution. An options package and shatterproof Lexan display are available upon request. Available with NIST traceable calibration to meet your ISO standards.

Order Information

Model	Thermocouple type	Temperature Range
PD	K J *T E	-270 °C to 1372 °C (-454 °F to 1999 °F)
		-270 °C to 1200 °C (-454 °F to 1999 °F)
		-270 °C to 400 °C (-454 °F to 752 °F)
		-270 °C to 1000 °C (-454 °F to 1832 °F)
O	Options Package (Add "O" to model #)	
X	Lexan® display window - will not shatter (Add "X" to model #)	
CC-PD	Black Cordura Carrying Case	

*Max. Temperature for T is 400 °C. *All sensors sold separately.



SPECIFICATIONS	
Accuracy	1 °C (1 °F)
Resolution	0.1 °C (0.1 °F)
Display	127mm (1/2") LCD
Battery	9 Volt
Window	Tempered Glass or Lexan®
Thermocouple Type	K, J, T, or E
Dimensions	5.75" x 3.9" x 2.2"
Case	ABS Nylon Alloy
Weight	1.04lbs. (476g)
Tested Ambient	4 °C to 49 °C (40 °F to 120 °F)
Response Time	3 Readings Per Second

Steel-Cased Pocket-Probe® Digital Pyrometer

Designed for use in harsh conditions – the steel case offers a durable housing.

Housed in a robust Steel Case, this Pocket-Probe® model was designed for use in harsh conditions and is guaranteed to be the most tough, durable and reliable pyrometer available. This unit may be used with the outer case closed, for added protection. The Steel Case Pocket-Probe® is backed by a 5 year warranty and is available in thermocouple types K, J, T, and E. Available with the options package and shatterproof Lexan display, the Steel Case Pocket-Probe® is ideal for applications where there are extremely harsh industrial conditions. Available with NIST traceable calibration to meet your ISO standards.

Order Information

Model	Thermocouple Type	Steel Case	Temperature Range
PD	K J *T E	SC	-270 °C to 1372 °C (-454 °F to 1999 °F)
			-210 °C to 1200 °C (-346 °F to 1999 °F)
			-270 °C to 400 °C (-454 °F to 752 °F)
			-270 °C to 1000 °C (-454 °F to 1832 °F)
O	Options Package (Add "O" to model #)		
X	Lexan® display window - will not shatter (Add "X" to model #)		
CC-PD	Black Cordura Carrying Case		

*Max. Temperature for T is 400 °C. *All sensors sold separately.



Pocket-Probe®
Pyrometers may be
used with any mini-
plug terminated sensor
(sold separately)

SPECIFICATIONS	
Accuracy	1 °C (1 °F)
Resolution	0.1 °C (0.1 °F)
Display	127mm (1/2") LCD
Battery	9 Volt
Window	Tempered Glass or Lexan®
Thermocouple Type	K, J, T, or E
Dimensions	5.75" x 3.9" x 2.2"
Case	Steel
Weight	1.40lbs. (635g)
Tested Ambient	4 °C to 49 °C (40 °F to 120 °F)
Response Time	3 Readings Per Second

Pocket-Probe® Digital Pyrometer Models



Digital Pyrometers

Pocket-Probe® Sealed Digital Pyrometer

The Sealed Pocket-Probe® is ideal for applications where liquid or moisture may be present. This unit is completely sealed against moisture and contaminants - making it a true workhorse of an instrument. It is equipped with the peak hold feature as a standard. Easy to read, and easy to hold during use - the Sealed Pocket-Probe® is a versatile instrument designed to give you years of trouble free service. This model is equipped with input jacks on the front for quick, plug and go readings and is a favorite of the Chemical and Food & Beverage Industries. This uniquely designed pyrometer also allows for routine cleaning and disinfecting because it is sealed. Rugged and waterproof, the Sealed Pocket-Probe® is available in thermocouple types K, J, T, and E. The shatterproof Lexan window display is available. Boasting a 2 year warranty, this pyrometer is a top seller and has proven to be the most reliable and rugged digital pyrometer on the market! Available with NIST traceable calibration to meet your ISO standards.

Order Information

Model	Type	Temperature Range
PSK	K	-270 °C to 1372 °C (-454 °F to 1999 °F)
PSJ	J	-270 °C to 1200 °C (-454 °F to 1999 °F)
PSE	E	-270 °C to 1000 °C (-454 °F to 1832 °F)
PST	T	-270 °C to 400 °C (-454 °F to 752 °F)
X	-	Lexan® Window - will not shatter (Add "X" to model #)
CC-PS	-	Black Cordura Carrying Case

*Max. Temperature for T is 400 °C.

***Pocket-Probe® Pyrometers may be used with any mini-plug terminated sensor (sold separately)**

Specifications	
Accuracy	1 °C (1 °F)
Resolution	0.1 °C (0.1 °F)
Display	127mm (1/2") LCD
Battery	9 Volt
Window	Tempered Glass or Lexan®
Thermocouple Type	K, J, E, or T
Dimensions	5.5" x 4.3" x 2.5"
Case	ABS Nylon Alloy
Weight	1lb. (454g)
Tested Ambient	4 °C to 49 °C (40 °F to 120 °F)
Response Time	3 Readings Per Second



Pocket-Probe® Extended Range Digital Pyrometer *(The Extended Range is also available with a Steel Case housing.)*

This newest addition to the Pocket-Probe® product line was designed for the Pipeline and Gas & Utilities Industries; where it is critical for accurate temperature measurements in even the most harsh outside conditions imaginable. This sturdy instrument is capable of accurate and repeatable readings in the most extreme environments - without sluggish performance or slow response times. The Extended Range Pocket-Probe® functions in ambient temperatures as low as -30 °C (-22 °F) and as high as 72 °C (160 °F)! It was designed to be rugged, reliable and consistently accurate. Made of a durable ABS Nylon plastic, and capable of operation with the cover closed for even more protection, the Extended Range is easy to hold and easy to read. Available in thermocouple types K, J, T, and E. May be ordered with an options package and shatterproof Lexan display. Backed by a 5 year warranty, EDL's Extended Range Pocket-Probe® will give you absolute trust in your measurements regardless of the outside environment. NIST traceable calibration is available to meet your ISO standards.

Order Information

Model	Thermocouple Type	Temperature Range
PDK-ER	K	-270 °C to 1372 °C (-454 °F to 1999 °F)
PDJ-ER	J	-270 °C to 1200 °C (-454 °F to 1999 °F)
PDT-ER	*T	-270 °C to 400 °C (-454 °F to 752 °F)
PDE-ER	E	-270 °C to 1000 °C (-454 °F to 1832 °F)
O	Options Package (Add "O" to model #)	
X	Lexan® display window - will not shatter (Add "X" to model #)	
CC-PD	Black Cordura Carrying Case	

*Max. Temperature for T is 400 °C.



Specifications	
Accuracy	1 °C (1 °F)
Resolution	0.1 °C (0.1 °F)
Display	127mm (1/2") LCD
Battery	9 Volt
Window	Tempered Glass or Lexan®
Thermocouple Type	K, J, T, or E
Dimensions	5.75" x 3.9" x 2.2"
Case	ABS Nylon Alloy
Weight	1.04lbs. (476g)
Tested Ambient	-22 °F to 160 °F (-30 °C to 72 °C)
Response Time	3 Readings Per Second

Pocket-Probe® V (PDVK)

The Pocket-Probe® V is available for any application requiring true one handed operation. This instrument is equipped with peak hold memory and reset as a standard, and is highly reliable with a unique ergonomically friendly, yet rugged design. This Pocket-Probe® option utilizes direct plug in sensor tips - excluding the need for complete sensors with long and inconvenient lead wires. With over 30 sensor tips to choose from, you will immediately notice cost savings by not having to replace complete sensors with leads - but only the tips which are much cheaper than traditional sensors. Housed in a heavy 16 gauge Stainless Steel enclosure and designed with reinforced welded corners, this unit is a favorite of industries related to Aluminum processing. The PDVK is also backed by a 5 year warranty.

Model	Thermocouple type	Temperature Range
PDV	K	0 °C to 1372 °C (35 °F to 1999 °F)
	J	0 °C to 1200 °C (35 °F to 1999 °F)
	T	0 °C to 400 °C (35 °F to 752 °F)
	E	0 °C to 1000 °C (35 °F to 1832 °F)

*All sensors sold separately.



ALSO AVAILABLE: Pocket-Probe® Analog Pyrometer



We ship from stock and ship worldwide.

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