

Press Release

For Immediate Release

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Fluke[®] Process Instruments Introduces Endurance[™] Series High-temperature Ratio Pyrometers

SANTA CRUZ, Calif., September 28, 2015 – Fluke[®] Process Instruments has introduced the Endurance[™] Series of high-temperature ratio pyrometers. These rugged and flexible instruments enable continuous visual process monitoring and are designed to meet the demands of harsh industrial environments, including primary and secondary metals manufacturing, carbon processing and silicon production.

The Endurance Series pyrometers provide a robust solution for manufacturers seeking to improve product quality and uniformity, reduce reject rates, maximize throughput, and minimize energy costs. They offer superior optical resolution (up to 150:1) for viewing critical process operations, as well as innovative tools to help make better sense of production data. Multiple lens, sighting and focus options are available for different mounting distance and sighting needs. For example, on-board camera video sighting via Ethernet ensures the sensor is always sighted properly for remote and control room viewing. On-board laser sighting can be used to verify process alignment for local viewing when the sensor is located in a hard-to-reach area. On-board light-emitting diode (LED) sighting makes it easy to view the actual spot size projected on the target. The SpotScan[™] line scanning accessory enables measurement over a larger target object versus a single spot.

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Plants installing the Endurance Series pyrometers can lower their maintenance costs with “set it and forget it” reliability. The units feature robust, galvanically-isolated inputs/outputs, as well as an IP65 (NEMA4) rated stainless steel housing able to withstand ambient temperatures up to 65°C (149°F) or up to 315°C (600°F) using cooling accessories. A dirty lens alarm helps avoid unneeded periodic lens cleaning checks.

The Endurance Series pyrometers are also exceptionally versatile and easy to install. Their broad temperature range covers an entire process with fewer units. The sensors operate with either Power over Ethernet (PoE) or DC power, and interface to various bus systems (Ethernet, Profinet and RS-485). An intuitive rear-panel user interface simplifies navigation. PC-based Endurance setup and monitoring software simplifies configuration and deployment, and a built-in web server enables archiving of historical data for traceability and process troubleshooting.

All Endurance Series pyrometers are offered with a best-in-class four-year warranty.

About Fluke Process Instruments

Fluke Process Instruments designs, manufactures, and markets a complete line of infrared (IR) temperature measurement and profiling solutions for industrial, maintenance, and quality control applications. Distributed worldwide under the Raytek[®], Ircon[®] and Datapaq[®] brands, our products reflect the combined experience of over 125 years in manufacturing the world’s finest temperature measurement tools and devices. For more information, visit www.flukeprocessinstruments.com.

About Fluke

Founded in 1948, Fluke Corporation is the world leader in compact, professional electronic test tools. Fluke customers are technicians, engineers, electricians, and metrologists who install, troubleshoot and manage industrial, electrical and electronic equipment and calibration processes.

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