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LumaSense Debuts Next Generation Industrial Infrared Pyrometer at the Industrie Paris Expo

"The new IMPAC® IGA 140/23 is more reliable, flexible, and durable"

Frankfurt, Germany, April 14, 2016 - LumaSense Technologies, Inc. introduced the new IMPAC® [IGA 140/23 pyrometer](#) last week at the Industrie Paris expo for production technologies. The new IGA 140/23 is a major update to the industry proven IP 140 pyrometer.

The IGA 140/23 is ideally suited for low temperature metal, ceramic, graphite and other material applications starting at 50 °C. With both low (50 to 700 °C) and high (150 to 1800 °C) temperature ranges, the IGA 140/23 gives manufacturers flexibility in the range of processes covered. This robust pyrometer is effective in induction, tempering, annealing, heating/cooling, and various other processes that occur at lower temperatures.

"The new IMPAC® IGA 140/23 pyrometer is more reliable, flexible and durable than comparable instruments that require a chopped detector in order to reach such low temperatures", said Daniel Schueftan, Pyrometer Product Manager at LumaSense Technologies.

The new IGA 140/23 is a simpler design with a reduction in moving parts to minimize the maintenance requirements. The pyrometer requires no start-up time and allows for immediate readouts. With a variety of communication options, such as RS232, RS485, ProfiBus, ProfiNet, Ethernet, the IGA 140/23 is capable of interfacing with virtually every production system available in the marketplace.

When temperatures approach 1800 °C, normal contact-based methods of temperature measurement such as thermocouples will disintegrate. Thus, manufacturers have long relied on infrared technology to capture precise temperature readings without making physical contact. Such temperature readings are crucial to manufacturing processes affecting product quality, energy consumption, asset life, and personnel safety.

"The smallest efficiency gain has a major impact on the bottom lines of our customers," said LumaSense CEO Steve Abely. We developed the IGA 140/23 to help our customers identify and capture those gains", continued Abely.

The IGA 140/23 is part of LumaSense's proven IMPAC® pyrometer product line. IMPAC, acquired by LumaSense in 2007, has over 50 years of experience in infrared and non-contact temperature measurement. IMPAC® pyrometers, also known as infrared thermometers, are an industry standard for measuring temperature when traditional methods fail.

The IGA 140/23 will be available for viewing at the upcoming AIST Steel show in Pittsburgh, Pennsylvania May 16 – 19.

About LumaSense Technologies, Inc

LumaSense Technologies, Inc. is one of the world's most trusted providers of innovative temperature and gas sensing devices. By applying LumaSense's proven systems and software, customers in Global Energy, Industrial Materials, and Advanced Technologies industries are able to reduce waste and inefficiency in their processes. For more information about LumaSense Technologies, visit www.lumasenseinc.com.

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