Award Winning IRt/c Sensor from Exergen Integrated in M&R's Flagship CAYENNE D Quartz and RED CHILI D 1418 Flash Cure Units

WATERTOWN, MA, and GLEN ELLYN, IL — July 15, 2014 – Exergen today announced the integration of their customized IRt/c sensor into two of M&R's quartz flash units: the Red Chili D 1418 and the freestanding Cayenne D, M&R's most sophisticated and versatile quartz flash cure system. The units required higher intensity radiant lamps and/or more densely packed lamps. This caused not only a restricted view of the T-shirt area from the sensor location above the lamps, but also overheated the body temperature of the sensor itself. With the customized IRt/c sensor, the Red Chili D 1418 and the Cayenne D now deliver significantly faster curing speed without compromising quality.

"We're always looking for ways to increase flash curing speed and quality in the most cost efficient way possible. That meant working with an innovative and industry-leading sensor vendor to find the sensor that met our requirements. That vendor was Exergen Global and the solution was the customized IRt/c sensor," said Boguslaw Magda, M&R's vice president of engineering and manufacturing technology.

"Complex problems sometimes require simple solutions. The combined teams of Rich Hoffmann, CEO of M&R, and our team were able to tackle the problems in such a way that we not only solved it pretty quickly but also very neatly. The result is a completely customized sensor that works like a charm. The sensors have been delivered to M&R and the rollout of the Red Chili D and Cayenne Flash Cure Units has started," said Dr. Frank Pompei, CEO of Exergen Corporation.

Product information: The Exergen IRt/c sensor lines are the most reliable, highest-performing IR sensors in the world. Key features include self-powered, intrinsically safe, repeatability 0.02°F (0.01°C), resolution approx. 0.0003°C and very important an interchangeability of +/- 1%. One of the main reasons for the unique performance of the IR sensor is the custom designed and built thermopile based sensor. The Exergen and M&R mechanical teams found the right solution for both the Cayenne D and the Red Chili D 1418 flash cure units, and the new IRt/c Standard 4 Wire model, including an embedded contact thermocouple, is now in use.

About the Cayenne D Quartz Flash Care Unit: Cayenne D is M&R's most sophisticated and versatile freestanding quartz flash cure system. Its medium-wave sealed tungsten filament quartz lamps feature adjustable

intensity, and its instant-on flash cure technology conserves energy by reverting to standby when the screen printing press is idle. The digitally-controlled curing lamps are divided into three flashing zones that can be operated independently or in any combination. Using fewer flash cure zones on small screen print areas reduces ambient heat, lowers energy costs, and leads to faster substrate cooling.

For more product information, please click **http://tinyurl.com/pzespdn**

About the Red Chili D Quartz 1418 Flash Cure Unit: The freestanding Red Chili D quartz flash cure system uses medium-wave sealed tungsten filament quartz lamps, and it works with both automatic and manual screen printing presses. Instant-on flash cure technology conserves energy by reverting to standby status when the screen printing press is idle, and the curing lamps are divided into three flashing zones, which can be operated independently or in any combination. Using fewer flash cure zones on small screen print areas reduces ambient heat, lowers energy costs, and leads to faster substrate cooling.

For more product information, please click **http://tinyurl.com/nhj5bcr**

About The M&R Companies: M&R is the most respected name in the screen printing industry and the world's largest manufacturer of screen printing equipment. M&R has production facilities in Glen Ellyn & Niles, Illinois, USA, and in Wojnicz, Poland—and distributors and skilled technicians in over 40 countries on six continents. All equipment from the M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts. For more information please visit: www.mrprint.com.

About Exergen Corporation and Exergen Global: Exergen Corp, the global leader in industrial and medical non-invasive temperature technology, provides non-invasive temperature measurement devices with lower cost, higher accuracy, less invasiveness, and greater reliability than previously possible. Exergen is well known in the healthcare and consumer market for its award-winning temporal artery thermometer. The company was founded by Harvard research scientist Dr. Francesco Pompei, who holds over 70 patents. Exergen Corporation is based in Watertown, Massachusetts, U.S.A.

For more information, visit www.exergenglobal.com, email office@exergenglobal.com or call 1 617 649 6322.

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