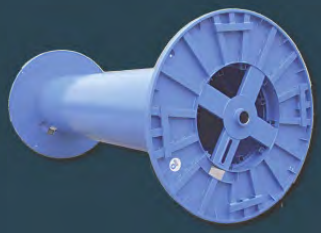
NOVEMBER/DECEMBER 2010

Wire & Cable Technology

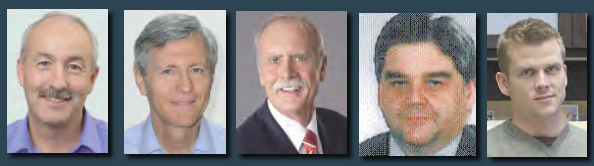
International

Serving manufacturers, processors, distributors and users of wire and cable

Reels Roundup ...P. 80-89

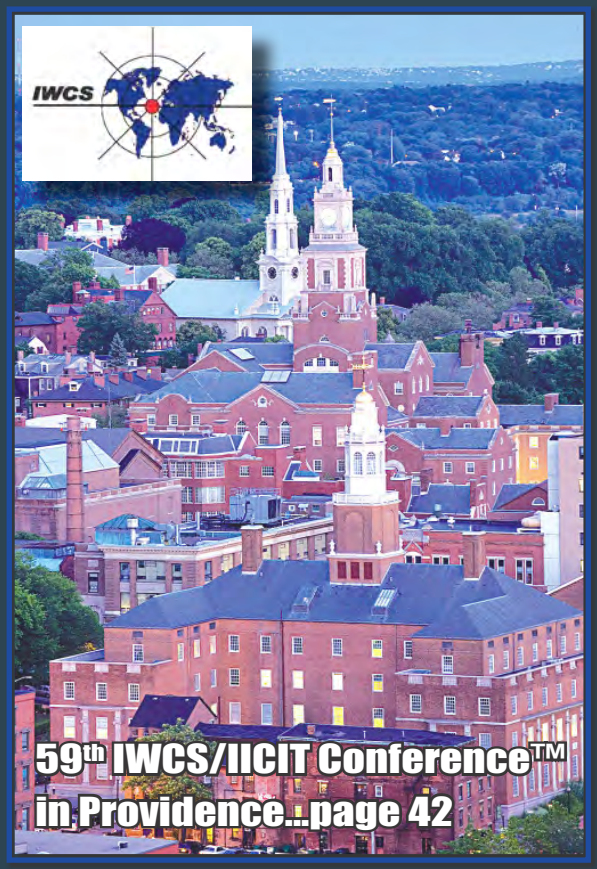


WCTI Technical Achievement Awards Class of 2010...Page 32



WIRE & CABLE INDIA 2010

Preview of exhibits in Mumbai: See pages 102-113



Sustainability in Cable Packaging...page 40

P. 121

NEWS & IMAGES STRAIGHT FROM SHANGHAI...90

wire CHINA

POLYMERS... P. 96-99 & 114-115

WCTI Technical Achievement Awards — Class of 2010

Wire & Cable Technology International **proudly presents the sixth *WCTI Technical Achievement Awards, Class of 2010*: Edgar Bender, Elmar Wichman, Gary L. Spence, Tom Kukowski, Mike Matuszewski, Tom Swanson, Kevin Voigt, Mario Dominguez, Walter Kolb & Jeremy E. Schaffer. Congratulations to this year's winners.**

Edgar Bender & Elmar Wichmann

Nominated for their development of the RESISTOMAT® 2304 high-precision automatic inspection and test unit for electrical resistance testing are **Edgar Bender**, Product Manager for Ohm Meters, and **Elmar Wichmann**, Head of Development of Electronic Measurement Instruments and Device Software at **burster praezisionsmesstechnik gmbh & co kg**, Gernsbach, Germany.

After more than 10 years of research and development, the efforts of Bender and Wichmann resulted in the RESISTOMAT 2304 instrument, which the company describes as an unparalleled instrument having an accuracy of >0.01% with a resolution in the 200 µOhm range (display shows 200,000 µOhm) of 1nOHM (0.000000001 Ohm) in the lowest measuring range.

The RESISTOMAT 2304 as well as the more cost-effective RESISTOMAT 2316 universal instrument, which has an accuracy of 0.03% and a resolution up to 0.1 microOhm, is used today in cable works all over the world.

Major wire and cable manufacturers such as **LEONI**, **General Cable**, **Nexans**, **Furukawa**, **Fujikura**, **Draka**, **nkt** and **Prysmian**, to name just a few, have come to appreciate the high grade of accuracy, stability of measurement, repeatability, robustness and easy operation of these automatic digital RESISTOMAT inspection and test instruments.

In addition to RESISTOMAT inspection and test units, Bender and Wichmann also contributed to the development of a wide range of clamping devices used for contacting the cable samples. The clamping devices available from burster are designed to handle larger cross sections in order to decrease the loss of energy during long distance electrical energy transfer. The clamping devices can even accommodate the largest cross sections on power cables up to 2500 mm^2.

Edgar Bender

Elmar Wichmann

RESISTOMAT® 2304 automatic inspection and test unit.

RESISTOMAT® 2304 automatic inspection and test unit shown with Model 2382 L clamping device for use in laboratory and directly in a stranding machine.

RESISTOMAT® 2316 automatic inspection and test unit.

burster praezisionsmesstechnik, which has been involved in the development and manufacture of high-precision micro and milli-ohm meters since 1961, will celebrate the 50 year anniversary of the company in 2011.

For additional information on RESISTOMAT high-precision automatic inspection/test units, visit the website listed below.
www.burster.com