

Textile News

DigiNip® Provides Breakthrough in Narrow Nip Roller Alignment

MADISON, N.J., April 30, 2010 -- Sensor Products Inc. introduces DigiNip®, an economical hand-held device that transforms the way nip measurements are obtained for small printing and coating rollers. With DigiNip® even a first-time user can instantly and precisely measure spot nip (the contact point between rollers) at any section of a web or sheet fed process. When the unit's two durable sensor elements are placed between two contacting rollers that are subjected to pressure, nip width readings are immediately displayed on the device. Real-time roller adjustments for parallelism can then be made quickly and conveniently while the sensors are in the nip.

Unlike traditional methods of measurement - such as inking rollers and carbon paper - that are time consuming and often inaccurate, DigiNip® is clean, reliable, and convenient. Nip width readings are revealed immediately while the nip is closed leading to significant time savings.

“Our goal was to provide printers and other web-based industries with a maintenance instrument that can economically diagnose planarity issues and fit in the palm of their hand,” says Jeffrey G. Stark, CEO of Sensor Products Inc. “DigiNip® represents the culmination of years of research in nip measurement.”

DigiNip® can be used on small rolls, printers, coaters, laminators, and production rolls. As a quality control and maintenance tool, it extends roller life thereby decreasing costs. Deformations caused by improper nip width are reduced. Product quality is also improved.

The unit includes the hand-held device, two sensor elements, cables, AA batteries and a water resistant carrying case.

About Sensor Products Inc. (USA)

Headquartered in New Jersey and established in 1990, Sensor Products Inc. is a world leader in the manufacture and distribution of tactile pressure sensing solutions. Their customized and off-the-shelf products are installed within all of the Fortune 500 industrial companies as well as thousands of smaller manufacturing firms. Their sensors are used in applications as diverse as tire testing to semiconductor manufacturing and from R&D labs to space missions. Additionally, Sensor Products provides in-house and on-site stress and pressure mapping analysis, as well as a variety of regional technical seminars.

Press release courtesy of Sensor Products Inc.

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