SIGMA-NIP ®
P-Series

Never before has it been this easy to measure your roller alignment!

Sigma-Nip P-Series is a powerful new Windows based system that allows the quick and easy diagnosis of roller conditions – namely the measurement of nip contact pressure. With minimal investment and no prior experience a user can quickly and accurately record spot nip pressure at any section of your web or sheetfed process. Sigma-Nip P's sensing capability is as sensitive as it's case is durable – its ergonomic shell is impact hardened and water resistant.
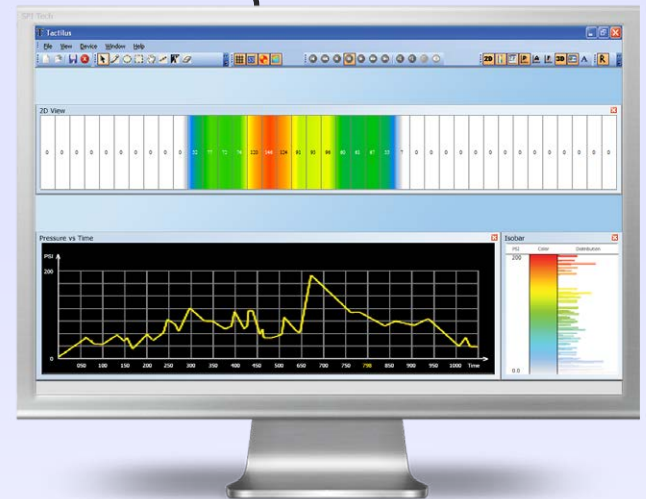
No more time consuming and inaccurate nip measurements with pressure papers. Now nip readings can be determined instantaneously, and adjustments made while the sensor is between your rolls! Sigma-Nip P-Series is also economical; the sensor elements that connect into the Sigma-Nip P-Series device are designed to provide thousands of readings before replacement is necessary.

Screenshot of the Sigma-Nip P-Series Software

Benefits

- Measures nip pressure level in the machine direction
- Reveals roller parallelism & planarity to aid in roller alignment
- Indicates both nip width and nip pressure
- Reveals gaps, flaws and unevenness in the roll surface
- Hand held, lightweight, and inexpensive
- USB compliant Windows® software based device

Areas of use

- Coaters
- Printers
- Small Laminators

Specifications

Principle	Resistive Ink
Substrate Material	PET
Active Sensor Area	4.21 in. (10.7 cm)
Sensor Thickness	15 mils (0.381 mm)
Usable Temp. Range	0 to 250°F (-17.7° to 121°C)
Pressure Range	40 - 1,000 PSI (2.81 - 70.31 kg/cm^2)
Max. Exposure Time	300 Sec.
Spatial Resolution	0.02 in. (0.5 mm)
Sensing Points	168

System includes: Hand held device, all necessary cables and connectors, USB control hub and software

www.sensorprod.com