

# **NIP SENSE**

## **PORTABLE SQUEEZE ROLL WIDTH METER**



- **Quick Insertion into the NIP point between Squeezing Roll for instantaneous contact width reading...**
- **Side-Centre-Side or multi point measurements in much less time than the carbon impression. Theoretically less than a minute.**
- **Easy to read digital display shows values in millimetres.**
- **Detect Uneven Squeeze profiles, Roll crowning, Soft spots!**

A simple solution to solve the big process problems... a handy tool to check for uniform squeeze distribution across pressed/nip rolls.

Quick measurements at as many points as you want! Simply insert the sensor between rolls and close the nip. Read the result in mm. No hassles in measuring and manual errors can be eliminated.

*KS&S Kaizen Sales & Service*

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## Description

In Textile open width processing there are n numbers of processing problems. Solutions of the problems depend on the skill of operators and supervisors. If the operator is new than during training itself there are chances of huge losses. Some problems come due to not following the lengthy procedures. So, how if procedure itself is shortened? Normally in open width processing there are squeezers/nips at each point and to check the impression or expression of the Nip/Squeezer is very essential. Conventional methods are lengthy and accuracy depends on operator skills. Now we have come up with the NIP Sense meter. Check the width in Left-Middle-Right and be relieved of tension of uneven squeezing.

NIP Sense portable squeeze roll width monitor gives you the tool you need to check the width and roll conditions. Digital readings are direct to the nearest tenth of a millimetre.

The hand held Portable Process meter with easy to use with state of the art width sensing technology in a simple, cost effective instrument.

The NIP SENSE includes a digital monitor and a film strip that is easily inserted between squeeze rolls. The NIP SENSE is powered by 4 nos. of AA size Alkaline batteries which provides many hours of use. A low battery indicator alerts to the need for battery replacement.

The NIP SENSE is calibrated over a width measurement range of 5 to 90 mm. The NIP SENSE digital meter will display repeatable width values to a maximum of 90 mm. In case of accidental damage, the width sensor with cable is detachable for easy replacement.

Use the NIP SENSE for NIP rolls found in many processes including sizing, padding, dyeing, extracting, finishing and more.

The NIP SENSE is another innovative development by us.

## Specifications:

Dimensions of meter: 170 mm(L)\*99 mm(W)\*36 mm(T)

Weight: 0.7Kg

Case: Powder coated off white Metal Enclosure

Sensor: Pressure sensitive Width Sensor

Sensor Dimensions(Excluding Handle): 121 mm(L)\*29 mm(W) \*0.8mm(T)

Handle Dimensions: 125mm(L)\*50 m(W) \* 12.5mm(T)

Calibrated Range: 5 to 90 mm

Resolution: 0.1 mm

Power Supply: 4 nos. of AA size Alkaline Batteries

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