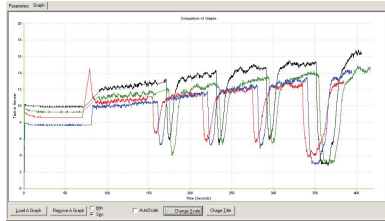


Lloyds Computerized Ink-O-Scope

with lithography test capabilities

Model 92SAV-SC2

LLOYDS



Lloyds Research has developed the 3rd generation of Ink-O-Scope 92SAV-SC2 for the in-depth evaluation of your ink formulation and its dynamic behavior on press condition and making a sense of tack dynamically rather than just an arbitrary tack number.

Tack is not a static rheological property of an ink or vehicle. It depends on the formulation, applied dynamic conditions like temperatures, stress, speed and time. All these parameters may vary on printing presses, so it's important to know how strong several factors may influence the ink tack behaviors and in consequence the quality of ink under different practical conditions.

Tack dynamic behavior analysis is used by ink makers and users to ensure the quality and consistency of the inks and its formulations. Because of the high repeatability and reproducibility of the tack results, Lloyds Ink-O-Scope is an essential instrument used by many companies that operate on an international level with data exchange between various facilities to ensure homogeneous quality throughout the facilities.

Features

- Design confirms to ASTM D 4361
- Very high accuracy and 100% reproducible results
- Ergonomically designed with easy cleaning.
- Negligible and Minimal Maintenance
- Individual display of all programmable test parameters
- Dedicated hi-speed electronics and communication (data recording speed of 1000 readings per minute)
- Tackware® software (optional) for graphical online presentation, data interchange and comparisons of infinite results
- Easy DIY digital calibration by simple dead-weight method and not by varnishes or ink.
- Rubber rollers available for conventional or UV curing inks.

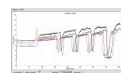
Specification

- ◆ Tack Measurement in three independent simultaneous scales
 1. 0-50 gm-mtr (Inkometer-ASTM)
 2. 0-600 (Europe, Tack-O-Scope)
 3. User settable for reference
- ◆ Test speed
150 to 3000 RPM (720 Meters/min)

Accessories



Refrigerated WaterBath system with 0.1°C accuracy



Advance Data acquisition Software Tackware



Lithography attachment for ink-water dynamic balance study

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