techpap
innovation for paper
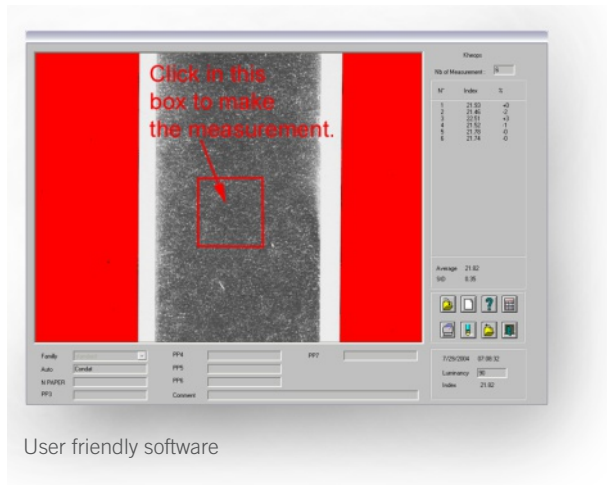
MOTTLING
Surface roughness measurement

LABORATORY SENSOR DESIGNED FOR MOTTLE AND SURFACE ROUGHNESS MEASUREMENT

> Designed for papermakers, baord makers, ink manufacturers, coating suppliers and printing operations

> Provides accurate and repeatable evaluations on :
- Quality of offset impressions, print mottling
- Precision of coating application
- Paper, board or other flat material roughness.

> Provides excellent correlation with human eye evaluation and sensitivity

> Practical, repeatable, and responsive

> Highly sensitive to mottle or smoothness changes

FRIENDLY SOFTWARE

> Measurement window
- 6 test reference windows
- Configurable results table

> Configuration window
- final mottling index is the result of the combination fo 5 individual class preset size categories

> Result output inludes:
- average print mottle or surface smoothness
- deviation between measurements
- tolerance threshold
- class distribution
- class distribution standard deviation

User friendly software

RELIABLE AND POWERFUL

> Composed of CCD Camera and 2 light sources
> Stable sample illumination during capture and measurement process
> Individual analysis < 1 second