techpap
innovation for paper

ADVANTAGES - HIGHLIGHTS

> Economic and productive
– Rapid
– Integrating 25 years of experience
– Impeccable data handling facility
– Rugged and quasi zero-maintenance
– Low footprint on the lab bench
– Extendable, modular, upgradable

> Flawless metrology
– Accurate, repeatable and reproducible
– Cutting-edge technology
– Constant consistency for optimum precision

APPLICATIONS

> Research & Development
– Micro & nanofibrillated cellulose
– New fibers (annual plant, non-cellulose)
– Fluff pulp

> Quality assurance
– Raw material assessment
– ISO 16065-2 compliant

> Process control
– Refiner energy optimisation
– Refiner disk wear reduction
– Monitoring pulpers, screens, cleaners, classifiers, refiners ...

SPECIAL FEATURES

> Principal-component analysis
– PCA graph for process control

> Software extensions
– A.I. module for vessels detection
– A.I. module for wall-thickness measurement
– Customer self-configurable A.I. module
– Special Techpap "Solver" and "Statmorf"

> Hardware extension
– Special module with high-resolution camera for true optical measurement of fiber wall thickness

GENERAL FEATURES

> Ergonomy
– Carousel for 6 sample beakers
– Easy-to-handle user interface
– Auto-sampling & cleaning
– Palpable result graphics

> Particularly interesting data
– Fibrillation index
– Calculated wall thickness
– Detection of broken ends
– Primary and secondary fine elements