

COLIMAGE FD

THE **DIGITAL REVOLUTION**
IN FABRIC DEFECT & COLOR ANALYSIS



**PATENTED
TECHNOLOGY**



HOW COLIMAGE **FD** WORKS?



1 Fabric Input



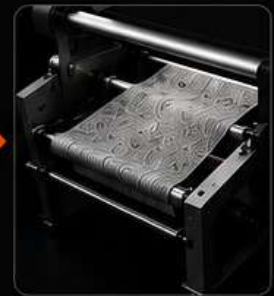
2 Image Processing



3 Defect Analysis



4 Reporting



5 Instant Intervention

TRADITIONAL METHOD vs **ADVANCED ANALYSIS FEATURES**

TRADITIONAL METHOD	ADVANCED ANALYSIS FEATURES
✗ Manual inspection, observer dependent	✓ Quality control at 0-100 m/min speeds
✗ High risk of missing defects	✓ Suitable reporting with 4-point system
✗ Low speed, high labor cost	✓ Defect classification and filtering
✗ Inconsistent and subjective results	✓ Defect and color control across entire fabric
✗ Limited reporting capability	✓ Real-time production monitoring
✗ Delayed reporting	✓ Customer demand oriented partitioning

DETECTABLE DEFECT TYPES



Warp/Weft Float



Double Warp/Weft



Hole



Oil Spot



Foreign Matter



Thick Place



Extra Weft



Stain



Broken End



Slub

APPLICATION AREAS



CONTINUOUS BLEACHING LINES



OPEN WIDTH DYEING



STENTER



QUALITY CONTROL



FABRIC SPREADING & CUTTING