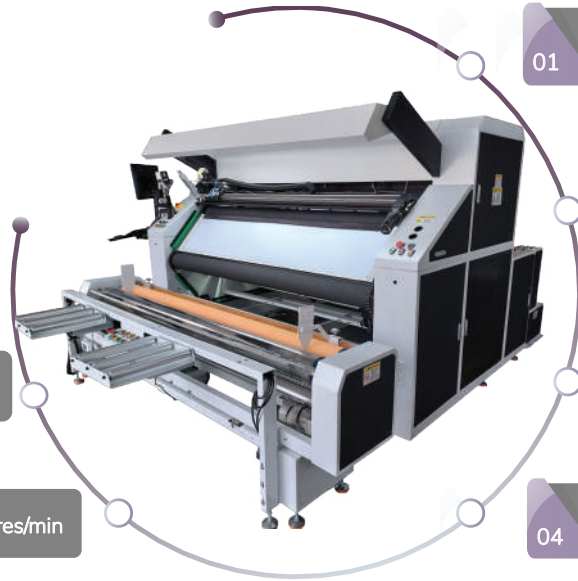


Pioneer AI Inspection for Textile Materials

wisecye



06

Auto labeling on defects

05

Speed up to 60 metres/min

01

For common types of fabric

02

Fabric Pattern, Plain Colour, Stripe & Plaid

03

Inspection Accuracy >95%

04

Capable of detecting all common types of defects

An AI-based textile material inspection technology, automatically and accurately detects fabric defects in high-speed and real-time inspection environments.

Key Features & Applications

- ⚡ A standalone intelligent machine embedded with AI technologies that carries out automatic inspection of textile materials;
- ⚡ Handles both finished woven fabrics, including plain and twill structures, and knitted fabrics such as single jersey, double jersey and more, in different types of solid colour and pattern, such as striped and checked, etc;
- ⚡ Achieves consistent and reliable inspection, with a greater than 95% detection accuracy;
- ⚡ Provides efficient and high speed inspection up to 60 metres/minute.

Benefits to Industry

- ⚡ Revolutionises conventional inconsistent and unreliable manual inspection in the textile and apparel industries;
- ⚡ Alleviates the problem of shortage of highly skilled quality inspectors and minimises downstream wastage;
- ⚡ Can be adapted flexibly to other types of material, such as leather.

Project Leader

Prof. Calvin WONG
Cheng Yik Hung Professor in Fashion, PolyU
CEO, AiDLab

For project details:



Enquiry: info@aidlab.hk

A research operation by:

AiDLab

Laboratory for
Artificial Intelligence in Design
人工智能設計研究所



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學



Royal College of Art
Postgraduate Art & Design