

Creating threads of Grace, Purity and Elegance
to bring out the clean fabric into being.



i-Scan[®]- μ 2c

...redefines the way cotton contaminations are eliminated.



Sometimes, it takes a real commitment to discover opportunities. Our insights to customer expectations come from our attitude to learn continuously. Our expertise that come from our values, can serve customers navigate the growth opportunity: both technologically and culturally. To find new opportunity to grow needs someone with a commitment to step with our customers. We are committed to excel together.

We are, at Nestling, committed to bring out an innovative solution in pursuit of producing contamination free yarn ...every moment a clean fabric.

i-Scan[®]-μ2c

...best in class accuracy in line with international standards for elimination of all coloured and synthetic foreign matters.

EXCELLENT PERFORMANCE IN WHITE PP CLEANING

The complete and comprehensive solution to remove all categories of white polypropylene (Non-glowing, Dull and Glowing PP)

- DUV module and G sonic module for Non-glowing and Dull PP
- UV module for Glowing PP
- A dedicated system for three stage detections with double scanning feature.

CLINICAL PERFORMANCE

- Incorporated with advanced Heterogeneous MSIP technology
- Advanced four stage detections.
- A dedicated G tech module with double scanning feature for very small and thread sized colour foreign matters.

CONSISTENCY IN PERFORMANCE

- Dust level monitor, high performance T5HO lamps with right technology assures consistent elimination of foreign matters and enhance the life of lamps above 30,000 burning hours.

RELIABLE, LEARN IN DESIGN AND VALUE FOR MONEY

- New geometrical design (inclined) with right technologies increase the probability of detection which leads to very high elimination efficiency with reliable and long lasting performance.
- Smart-eject system with built-in suction fan assembly assures reduction in good fiber loss to minimum.
- International performance at domestic cost; indigenously designed and developed, cost effective After-Sales-Service and spares.



Scanned, Detected and Eliminated by
i-Scan-μ2c

TECHNICAL SPECIFICATIONS :

Parameters	i-Scan-μ2c
Production Capacity	1200 Kgs / hour
Material flow rate	25 mrt/sec (max)
Blue-i Compartment	UV and DUV module : 32 sets
G Sonic module	96 nos
G Tech module	32 sets
Air nozzle with valve	48 nos
Air pressure	6.00 Kgs / 6.00 Bar (min)
Air requirement	3.0m ³ /hour (Approx)
Power requirement	220V AC, 2.5KW & 440V AC, 1.5KW
Input duct size	(1000x100) mm
Dimensions	(1500 W x 1000 B x 3350 H) mm
Space requirements	No additional space required

Technical specifications are subject to change without notice.

i-Scan[®]-blue

A dedicated system for white PP elimination

The only indigenously developed system which will discriminate and consistently purify the cotton from:

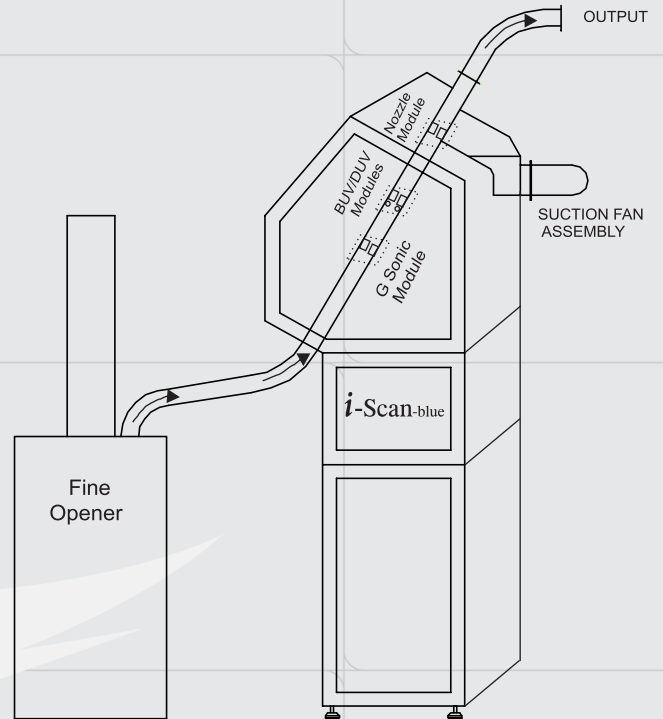
- High density transparent Non-glowing white PP
- Dull and Semi-glowing white PP
- Glowing non transparent white PP



All Categories of White PP

- Three stage detections, comprising DUV module, BUUV module and G Sonic module with double scanning feature.
- All other standard features of *i-Scan-μsc* are also incorporated.

Schematic



Scanned, Detected and Eliminated by

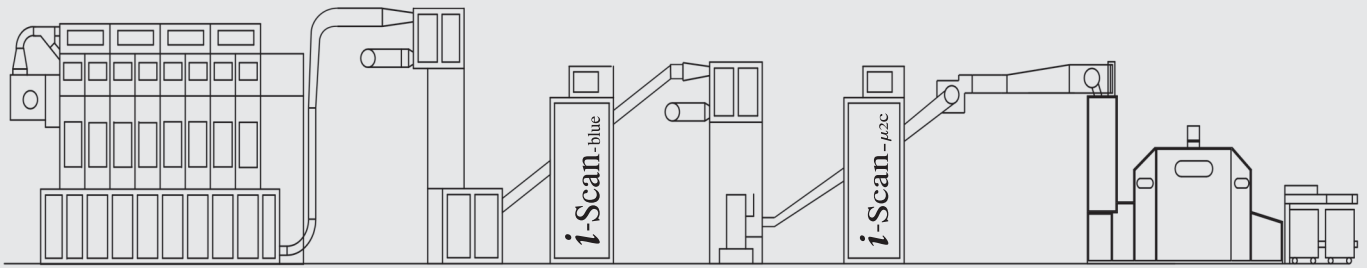
i-Scan-blue



TECHNICAL SPECIFICATIONS :

Parameters	<i>i-Scan-blue</i>
Production Capacity	1000 Kgs / hour
Material flow rate	25 mtrts/sec (max)
UV Modules	32 sets (BUV and DUV)
G Sonic module	96 nos
Air nozzle with valve	48 nos
Air pressure	6.00 Kgs / 6.00 Bar (min)
Air requirement	1.5 m ³ /hour (Approx)
Power requirement	220V AC, 1.5KW & 440V AC, 1.5KW
Input duct size	(1000x100) mm
Dimensions	(1500 W x 1000 B x 3350 H) mm

Technical specifications are subject to change without notice.



The combination of *i-Scan*.blue along with *i-Scan*-μ2C stands for very high elimination efficiency of foreign matters of coloured & synthetic materials - white & transparent PP.



i-Scan is the right partner in creating purity in fabric ; as pure as the Swan !



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