

NeedleSearch Chute

www.hcl-asia.com.hk

Versatile, proven metal detection systems for the textile and footwear industries



- · Simple Chute arrangement, no moving parts
- Easy to use Intuitive touch screen with up to 50 product memories, bar code reader option
- Sensitive Designed for industry standard pin-head detection in garments and footware
- · Stable Unique search head design and filtering provides high levels of noise immunity
- · Reliable High quality industry proven electronic components and conveyor parts

Metal Detection

X-ray Inspection

Checkweighers

Data Capture



Designed to Survive



NeedleSearch Detectors

Finish: Search Head - Aluminium with painted finish

Conveyor - Stainlesss steel with bead blast finish

Standard Height: Infeed 1250mm +/- 50mm 49" +/- 2"

Outfeed 700mm +/- 50mm 28" +/ -2"

System Length: 950mm 37"

Chute Width: 500mm 20"

Drive: Gravity fall

Supply Voltages: 220V 1ph N+E or 110V 1ph N+E

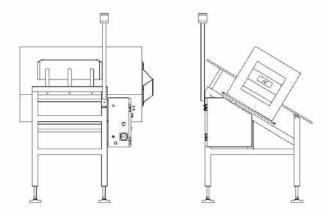
Reject Type: Alarm

Protection:

Options: Bar code reader, Product counting sensor, Network

interface

IP 54



Technical Specification

FM model for detection of ferrous needles when the product has non ferrous metal present, e.g. zippers and fasteners

Classification of metal type

Auto self check

Electronic reset

Multi-lingual display

Full diagnostic messaging

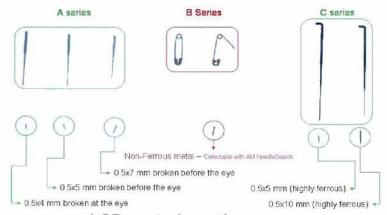
Battery back up of stored data

Date and time stamped reject statistics

Aperture size

550 x 175mm 22" x 7"

Broken Needle Examples



LCD control panel



Loma Systems, Summit Ave, Southwood, Farnborough, Hampshire, GU14 0NY

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