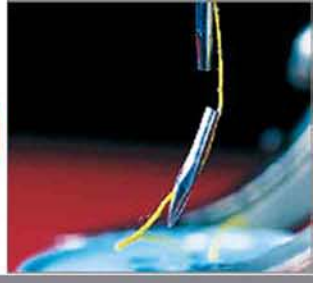
QMAX
needle detector

NeedleFinder



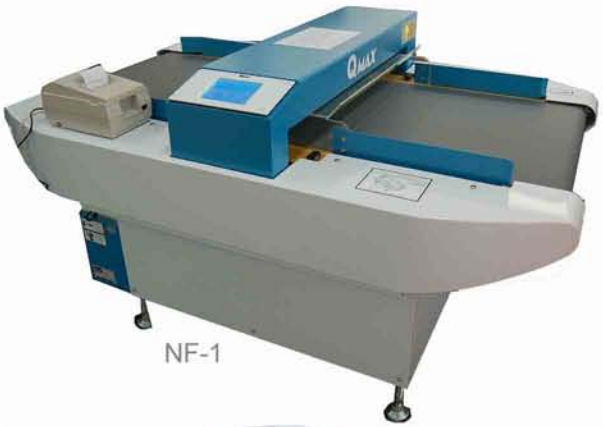
The expert in needle detection

Protecting textile products from broken needle, claims and lawsuit liability

Validating metal trimmings to comply with buyers' ferrous standards

CE European Conformity

ISO International Organization for Standardization
ISO 9000 certified



NF-1

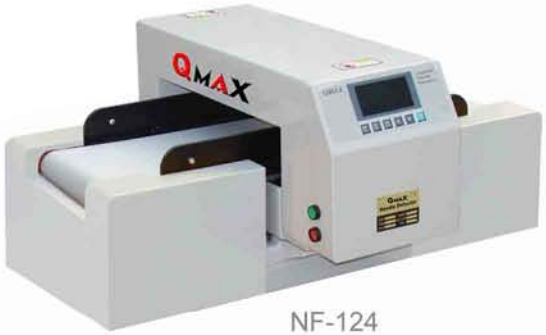
NF-240

MAXIMUM SENSITIVITY
ϕ0.8mm

Features >>

- digital metal signal display
- metal trimming validation
- ferrous signal measuring
- product sensitivity auto-setup
- individual sensor(s) masking
- conveyor belt auto-retract and restart
- product counter
- contaminant locator
- timer self-calibration
- password protection
- report printing

NF-244

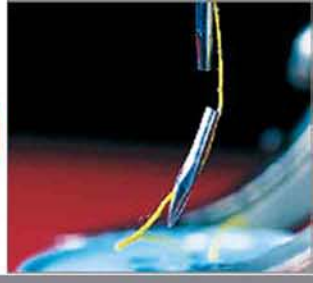


NF-124

NF-148

QMAX needle detector

NeedleFinder



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The expert in needle detection

NF-1

NF-124 / NF-244

NF-148 / NF-240

QMAX is the finest and the most functional digitized needle detector in the market for clothing, fashion accessories, garment trimmings, footwear and toys industry meeting all worldwide leading companies' requirement in compliant with their needle control policy.

DIGITIZED METAL SIGNAL

indicates the metal signal level of the product and helps the users meet their buyers' detection requirement with ease. Also, it validates and measures the ferrous signal level of garment trims. It offers much more benefits than those which just indicate either PASSED or FAILED.

AUTO PRODUCT LEARN / EASY SETUP

products can be learnt automatically by pressing a simple button and the optimum settings will be adjusted within seconds. No more complicated procedures. Even easy for beginners.

INDIVIDUAL SENSOR(S) MASKING

offers an execptional function to deactivate or adjust one or more sensors at our choice in order to tackle special detection issues.

SERIES

Detection Height	Detection Sensitivity
100mm	Fe ø 0.8mm (Standard)
120mm	Fe ø 1.0mm
150mm	Fe ø 1.2 - 1.5mm
200mm	Fe ø 1.5 - 2.0mm

Model	NF-1	NF-124	NF-244	NF-240	NF-148
Applications	All gmts & trims	Trims & small gmts	All gmts & trims	All gmts	Toys & shoes
Sensitivity	0.8mm	0.8mm	0.8mm	0.8mm	1.2mm
Aperture H x W (mm)	100 x 650	100 x 300	100 x 600	100 x 600	200 x 350
Digital metal signal	Yes	Yes	Yes	-	-
Auto product learn	Yes	Yes	Yes	-	-
Sensor masking	Yes	-	-	-	-
Report printer	Yes	Optional	Optional	Optional	Optional
Auto-retract & restart	Yes	Yes	Yes	Yes	Chute system
Contaminant locator	Yes	Yes	Yes	Yes	Yes
Timer self-calibration	Yes	-	-	-	-
Password protection	Yes	-	-	-	-
Display interface	English / Chinese	English	English	-	-
Belt speed	32m / min	40m / min	40m / min	40m / min	-
Rated output	140W	90W	95W	90W	30W
Dimension L x W x H (mm)	1650 x 1100 x 900	1050 x 770 x 460	1520 x 1025 x 900	1550 x 950 x 960	980 x 730 x 1210
Net weight	220 kg	125 kg	210 kg	215 kg	190 kg

▲ The specification is based on the standard test condition. The sensitivity can be affected by inherent product signal (e.g. trimmings) and workplace condition. We bear no responsibility in case of metal chips found during metal detection process.

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