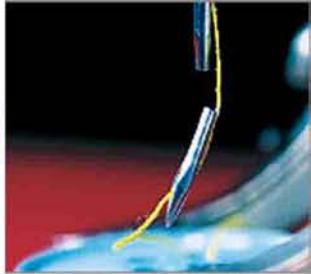


QMAX

needle detector

NeedleFinder



www.hcl-asia.com.hk

The expert in needle detection

Protecting textile products from broken needle, claims and lawsuit liability

Validating metal trimmings to comply with buyers' ferrous standards



NF-1



M-1

MAXIMUM SENSITIVITY
 $\phi 0.8\text{mm}$



NF-244



NF-124



NF-148

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



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NF-1



NF-124 / NF-244



M-1



NF-148



QMAX supplies the most functional and reliable digital needle detector in the market for clothing, fashion accessories, garments 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 exceptional 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	M-1	NF-148
Applications	All gmts & trims	Trims & small gmts	All gmts & trims	All gmts & trims	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 650	200 x 350
Digital metal signal	Yes	Yes	Yes	Yes	-
Auto product learn	Yes	Yes	Yes	Yes	-
Sensor masking	Yes	-	-	Yes	-
Report printer	Yes	Optional	Optional	Yes	Optional
Auto-retract & restart	Yes	Yes	Yes	Yes	Chute system
Contaminant locator	Yes	Yes	Yes	Yes	Yes
Timer self-calibration	Yes	-	-	Yes	-
Password protection	Yes	-	-	Yes	-
Display interface	English / Chinese	English	English	English / Chinese	-
Belt speed	32m / min	40m / min	40m / min	32m / min	-
Rated output	140W	90W	95W	140W	30W
Dimension L x W x H (mm)	1650 x 1100 x 900	1050 x 770 x 460	1520 x 1025 x 900	1650 x 1100 x 9000	980 x 730 x 1210
Net weight	220 kg	125 kg	210 kg	220 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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