

Conveyor type needle detector HN-870C-120/140/160/180, HN-780G-100



New global standard, detect $\phi 0.8\text{mm}$ ferrous ball by 120mm sensor height.

Innovative sensor checking system by Auto PreChecker for saving your time.

New developed sensor

Ability for detection of foreign object is upgraded by new developed search coils and optimizing magnet position.

Catch 0.8mm ferrous ball by 120mm height sensor

0.8mm ferrous ball was only detected by 100mm height sensor previously. This time new sensor system make it possible to detect 0.8mm ferrous ball with 120mm height sensor.

Enlarged sensitivity equality

Dispersion sensitivity equaled, it makes "Material effect" decreased and products passage improved.

Large sized LCD

The blue LCD has improved the visibility and operatively, compared to our previous model. This has Enabled various setting such as the sensitivity, language mode, and etc., and can show current machine condition on the display as well.

Needle position indication

Machine inform us location of the broken needle, so you can find easier.

Foot switch and restart function

Equipped with a foot switch as standard equipment. And restart function is useful for starting the conveyor belt without pushing start button.

Product counter

Product counter is now standard equipment.

Conveyor speed changing function

If machine catch sewing accessories, conveyor speed can be changed 3 steps to passage.

optional printer

It can print the inspection record and counter result.

Product guider

Product guider is optional equipment on HN-870C, 2870C, product guider is standard equipment on HN-780G, 2780G.

Auto PreChecker

Auto PreChecker makes sensor checking more accurate and quicker.

By using PreCheck bar (Specialized test brock) & system, you do not need to check each coil one by one, the system checks sensor automatically.

Also you can keep the PreCheck result if you prepare the optional printer.

Auto PreChecker



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HN-870C



LCD



OPTION PRINTER

MODEL	CONVEYOR TYPE NEEDLE DETECTOR
TYPE	HN-870C-120/140/160/180, HN-780G-100
DETECTING METHOD	MAGNET INDUCTION SYSTEM
DETECTING ABILITY	Fe 0.8mm(120mm) Fe1.0mm(140mm) Fe1.2mm(160mm) Fe1.5mm(180mm) sphere or above
DETECTING LEVEL	100steps
DETECTING WIDTH	600mm
DETECTING HEIGHT	120mm (standard) / 140mm / 160mm / 180mm (780G 100mm)
ALARM METHOD	buzzer , detecting position lamp, belt return
BELT SPEED	40m/min. / 33m/min. / 26m/min.
POWER SUPPLY	single - phase
RATED OUTPUT	about 140W
DIMENSIONS	1,050(W)×1,650(L)×920(H)mm
WEIGHT	約250kg

TOP

SPECIFICATIONS

OPTIONS

Conveyor type needle detector HN-870C-120/140/160/180, HN-780G-100

standard

COUNTER

option

PRODUCTS GUIDER (in case of HN-780G, products guider is standard equipment)
PRINTER