

# C O N V E Y O R T Y P E

Conveyor type  
needle detector  
(single head)

**HN-880C**  
**HN-790G**

■ 7 inch color LCD



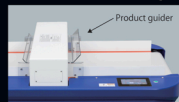
Conveyor type  
needle detector  
(two head)

**HN-2880C**  
**HN-2790G**

■ 7 inch color LCD



■ Product guide



**Full model change of hardware and software !**  
**The 7<sup>th</sup> generation debut !**

## ■ FEATURES

- The fastest in the industry. Conveyor speed 40m/min
- Equipped with SUPER FINE MODE. (Patented)
- The conveyor speed is adjustable for various accessories. This belt speed adjustment will increase passability of various accessories.
- Equipped with Auto Pre Checker (Patent pending)
- Reduction of the machine pre checking time. It will be completed at short time exactly by easy operation.
- Equipped with Environment checking Mode.(Patent pending)
- This mode can check the surrounding environment of the machine easily.
- Scalability to peripheral device
- It is possible to connect with automatic sorter, RFID reader, Bar code reader and so on.
- An operator can select 10 stages (100step) sizing method (6steps) as sensitivity setting
- Equipped with a production guider.
- It is possible to download
- Equipped with full Color LCD panel

## ■ SPECIFICATIONS

MODEL	HN-880C	HN-790G	HN-2880C	HN-2790G
DETECTION METHOD	MAGNET INDUCTION			
DETECTION BODY	Fe0.8φ sphere or above			
SENSITIVITY ADJUSTMENT	DECIMAL(100steps) or SIZING (6steps)			
DETECTION WIDTH	600mm			
DETECTION HEIGHT	120mm(standard)			
ALARM METHOD	BUZZER POSITION LUMP			
BELT SPEED	40~150m/min			
POWER SUPPLY	single phase			
RATED OUTPUT	150W			
DIMENSIONS	1508(L)×950(W)×903(H)		2423(L)×1040(W)×903(H)	
NET WEIGHT	230kg		374kg	
PRODUCT GUIDER	Standard		Standard	

## ■ FACTORY OPTION

MODEL	BUZZER HEIGHT	MAX. SENSITIVITY
HN-880C	120mm	Fe 0.8φ
	140mm	Fe 1.0φ
	160mm	Fe 1.2φ
HN-790G	120mm	Fe 0.8φ
	140mm	Fe 1.0φ
	160mm	Fe 1.2φ
HN-2880C	120mm	Fe 0.8φ
	140mm	Fe 1.0φ
HN-2790G	120mm	Fe 0.8φ
	140mm	Fe 1.0φ

- ※ Use non ferrous metal accessories for garments.
- ※ Read instruction manual & test machine sensitivity before using.
- ※ The specification is under standard test condition.
- ※ We have no responsibility that needle chip, iron chip etc. come out after detecting under non-standard condition.

## Auto PreChecker™

Innovative sensor checking system by for saving your time!

### ● Auto PreChecker™※

Auto PreChecker makes sensor checking more accurate and quicker. By using PreCheck Bar (Specialized test block) & system, you do not need to check each coil one by one, the system checks sensors automatically. Also you can keep the PreCheck result if you prepare the optional printer. (※PATENT PENDING, TRADEMARK REGISTRATION PENDING.)

OPTIONAL THERMAL PRINTER



**New generation needle detector with scalability for line system!**

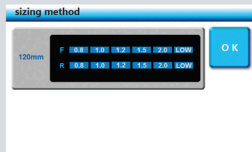
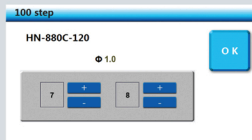
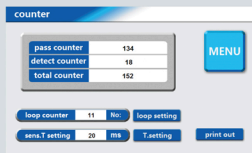
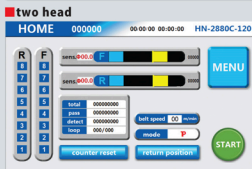
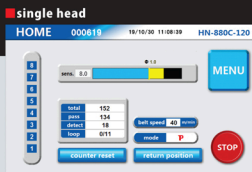
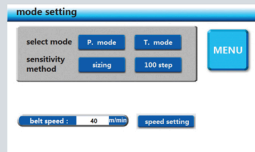
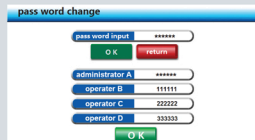
## 7 inch color LCD

### Standard function

- Detecting position lamp
- Products counter
- History indication
- Japanese, English, Chinese language
- Auto pre-checker
- pass word configuration (for supervisor, operator)
- super fine mode(40~15m/min.)
- USB port equipped
- Safety design cover

### Option

- Printer  
(it can print inspection record and counter result)
- Auto sorting device HS-601



## TABLE TOP TYPE NEEDLE DETECTOR HN-450N

### Control panel



### FEATURES

- As indicator on control panel is indicates the position of broken needles, it is easy to find broken needles.
- As detecting adjustment can be changed by 6 steps, it is easy to adjust in accordance with the sizes and kinds of accessories.

### ATTENTION

Table top needle detector is designed to detect magnetic metal objects in ladies', children's and men's clothes.

### OPTION

Table for HN-450N  
HN-450N can be built in the optional table. The surface of the table and the needle detector are same height using this table. This table is helpful for detecting work.

### SPECIFICATIONS

Model	HN-450N
Detection Method	Magnetic induction
Detection Sensitivity	MAX 110mm height by steel needle (φ0.6xL33)
Detection Levels	6 Levels
Alarm Method	Buzzer
Detection Width	80mm×450mm
Power Source	Single phase
Rated Output	100V/110W
Dimension	550(L)×420(W)×82(H)mm
Weight	2000J 5kg

※Use non ferrous metal accessories for garments.  
※Read instruction manual & test machine sensitivity before using.  
※The specification is under standard test condition.  
※We have no responsibility that needle chip, iron chip etc. come out after detecting under non-standard condition.

## HANDY TYPE NEEDLE DETECTOR HN-30

## LIGHT & EASY OPERATION



### FEATURES

- φ0.8 mm steel is detected  
This new handy type needle detector can detect φ0.8 mm steel at 5mm height from detecting unit surface.
- Battery save function  
Under stand by, battery mode is changed to save mode automatically and save battery consumption. When take it in hand, the machine starts automatically. Newly designed detecting circuit is low electric consumption.
- Light weight  
The weight is only 190g that is 10% lighter than previous model. Newly designed body help you to grip for long time without fatigue.
- Large size LED lamp  
It is easy to check the detecting result by adapting large size LED lamp.
- Sensitivity select switch  
The new handy type needle detector adopts hi/low sensitivity select switch.

### SPECIFICATIONS

Model	HN-30
Detection Method	Magnetic induction
Detection Ability	10. The 400mm height or above at 5mm height from detecting surface. Low 10. The 400mm height or above at 5mm height from detecting surface.
Detection Levels	2 Levels
Detecting Area	25mm(W) × 50mm(D)
Alarm Method	Buzzer, LED lamp
Power Supply	1.5V dry cell battery×2(AAA)
Dimension	58(W)×105(L)×50(H)mm
Weight	212g

※Use non ferrous metal accessories for garments.  
※Read instruction manual & test machine sensitivity before using.  
※The specification is under standard test condition.  
※We have no responsibility that needle chip, iron chip etc. come out after detecting under non-standard condition.