# Hashima has been sold Needle Detector more than 114 countries.

Hashima's Needle Detector has been sold not only in Japan but also in more than 114 countries around the world, and we have a global network of distributors.
For maintenance and service inquiries, please contact your nearest Hashima or authorized Hashima distributor.

China
Bangladesh
Japan
India
Vietnam
Singapore

🚩 Branch
🚩 Partner
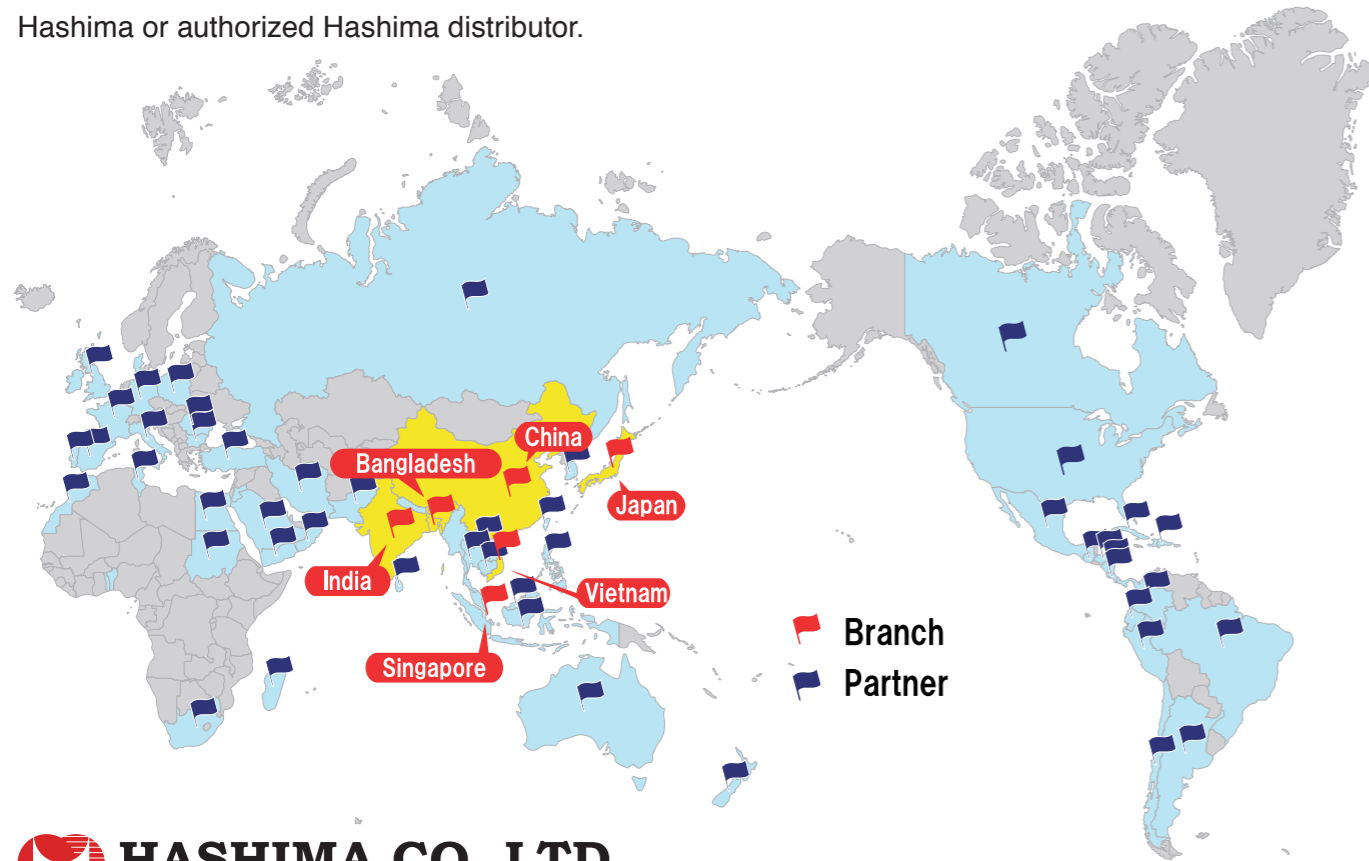
HASHIMA CO.,LTD

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IBI FACTORY (JAPAN)
 TEL:81-585-22-6678　FAX:81-585-22-6699
FACTORY : KUNSHAN (CHINA)
 TEL:0512-57771838　FAX:0512-57771848
SINGAPORE OFFICE
 TEL:65-62858131　FAX:65-62858132
INDIA OFFICE
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BANGLADESH OFFICE
 TEL:880-2-7913655　FAX:880-2-7913099
VIETNAM OFFICE
 TEL:84-226-3555840　FAX:84-226-3555841

Web site　　▶ YouTube　　🐦 Twitter　　📷 Instagram

Agent

http://www.hashima.co.jp/

HASHIMA GENERAL CATALOG
Inspection Machine Series

HASHIMA JAPAN

HASHIMA

HASHIMA

22.11 1,000⑩

The best of Needle Detector in the industry

In production since 1994 and soon to be 30 years old .Over 21,000 single type needle detector produced.Over 4,500 two-head type needle detector produced.Cumulative total of needle detector machines: over 25,500 units

※As of April 2022

Conveyor type Nendle detector (single head)

HN-880CS
HN-790GS

■ 7inch color LCD

Conveyor type Nendle detector (two head)

HN-2880CS
HN-2790GS
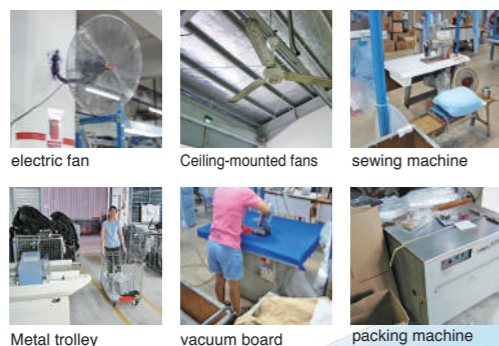
■ 7inch color LCD

CONVEYOR TYPE

Redesigned Hashima noise cancel function

Noise is reduced by mounting the amplifier board inside the sensor head.
A new noise filter significantly reduces noise from the needle detector itself as well as noise from outside.

Reference Video for Noise Reduction

False possitive factors

Needle Detector

electric fan
Ceiling-mounted fans
sewing machine

Metal trolley
vacuum board
packing machine

Fastest conveyor speed in the industry

Hashima's Conveyor Needle Detector has high belt roatation speed, so it can be achived high productivity and improved work efficiency.

Reference Video for conveyor speed

Fe φ0.8mm can be detected with a gate height of 120mm.

120 mm height is standard, and 140, 160, and 180 mm are available as factory options. (Refer to factory options below)

The only one in the industry.

Reference Video for Gate Height

■SPECIFICATIONS

MODEL	HN-880CS	HN-790GS	HN-2880CS	HN-2790GS
DETECTION METHOD	MAGNET INDUCTION			
DETECTION Bailey	Fe0.8φ sphere or above			
SENSITIVITY ADJUSTMENT	DECIMAL(100steps) orSIZING (6steps)			
DETECTION WIDTH	600mm			
DETECTION HEIGHT	120mm（standard）			
ALARM METHOD	BUZZER POSITION LUMP			
BELT SPEED	40～15m/min.			
POWER SUPPLY	single phase			
RATED OUTPUT	150W			
DIMENSIONS	1598（L）×950（W）×903（H）		2423（L）×1040（W）×903（H）	
NET WEIGHT	230kg		374kg	
PRODUCT GUIDER	Standard		Standard	

※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.

■FACTORY OPTION

MODEL	SNSOR HEIGHT	MAX. SENSITIVITY
HN-880CS	120mm	Fe 0.8φ
	140mm	Fe 1.0φ
	160mm	Fe 1.2φ
	180mm	Fe 1.5φ
HN-790GS	120mm	Fe 0.8φ
HN-2880CS	120mm	Fe 0.8φ
	140mm	Fe 1.0φ
	160mm	Fe 1.2φ
	180mm	Fe 1.5φ
HN-2790GS	120mm	Fe 0.8φ

※Please note that the sensitivity level that can be used may be limited by the surrounding environment and the product to be inspected.
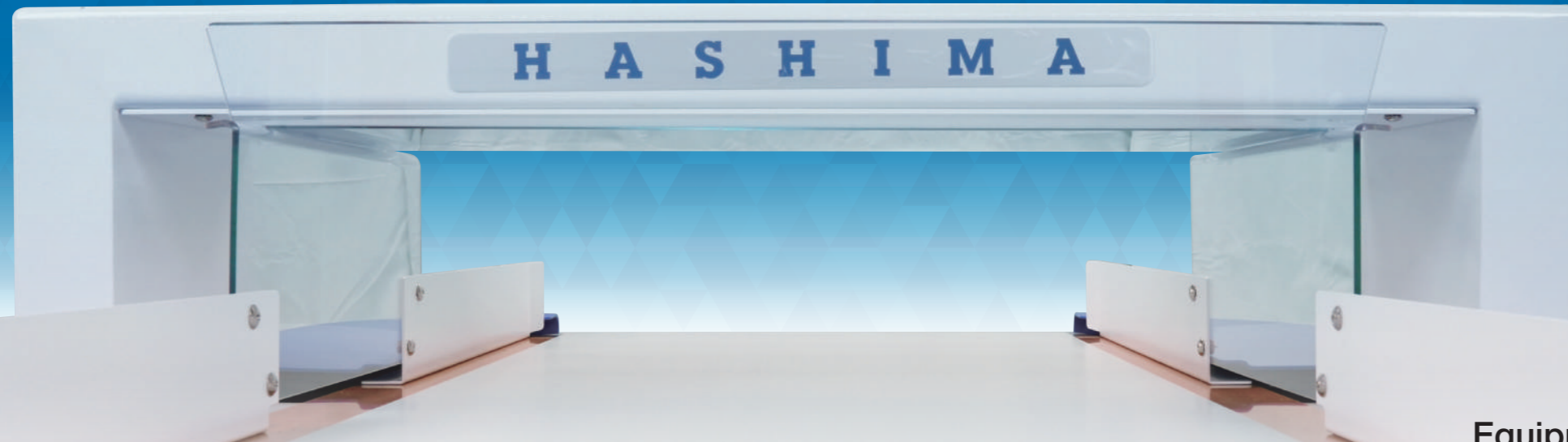
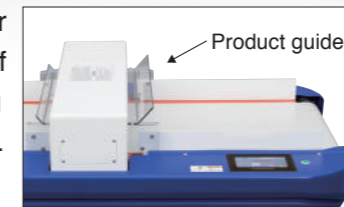## Equipped with Detection Position Lamp

Hashima's unique sensor head uses a split detection coil, so when there is a detection, a lamp will indicate the position of the broken needle.
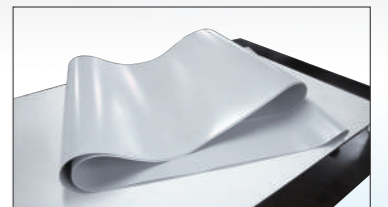
Reference Video for Detection Position Lamp

Image for Sensor head
Search Coil
belt surface
permanent magnet

Auto PreChecker®

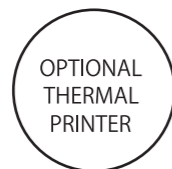### Simplification of daily inspection! Increased work efficiency!

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.)

Reference Video for Auto PreChecker

PreCheck Bar

OPTIONAL THERMAL PRINTER

HASHIMA EXCLUSIVE PRINTER BY CITIZEN

PreCheck Report

Products Guider as standard.

The product guider helps inspection of thick clothing without malfunction.

Product guider

Equipped with Hashima original conveyor belt

Conveyor belts used in Hashima's needle detector are developed and manufactured in-house.

Supper Fine Mode is equipped as standard.

Hashima's unique sensor head system makes it easier for accessories to pass through by inspecting them in super fine mode. (Conveyor speed moves slowly.)

Reference Video for Supper Fine Mode

Installation Environment Check function is equipped.

With Installation Environment Check Function, you can find the suitable site for Needle Detector.

Reference Video for Installation Environment

Optional accessories for Needle Detector

▲HR-5050N
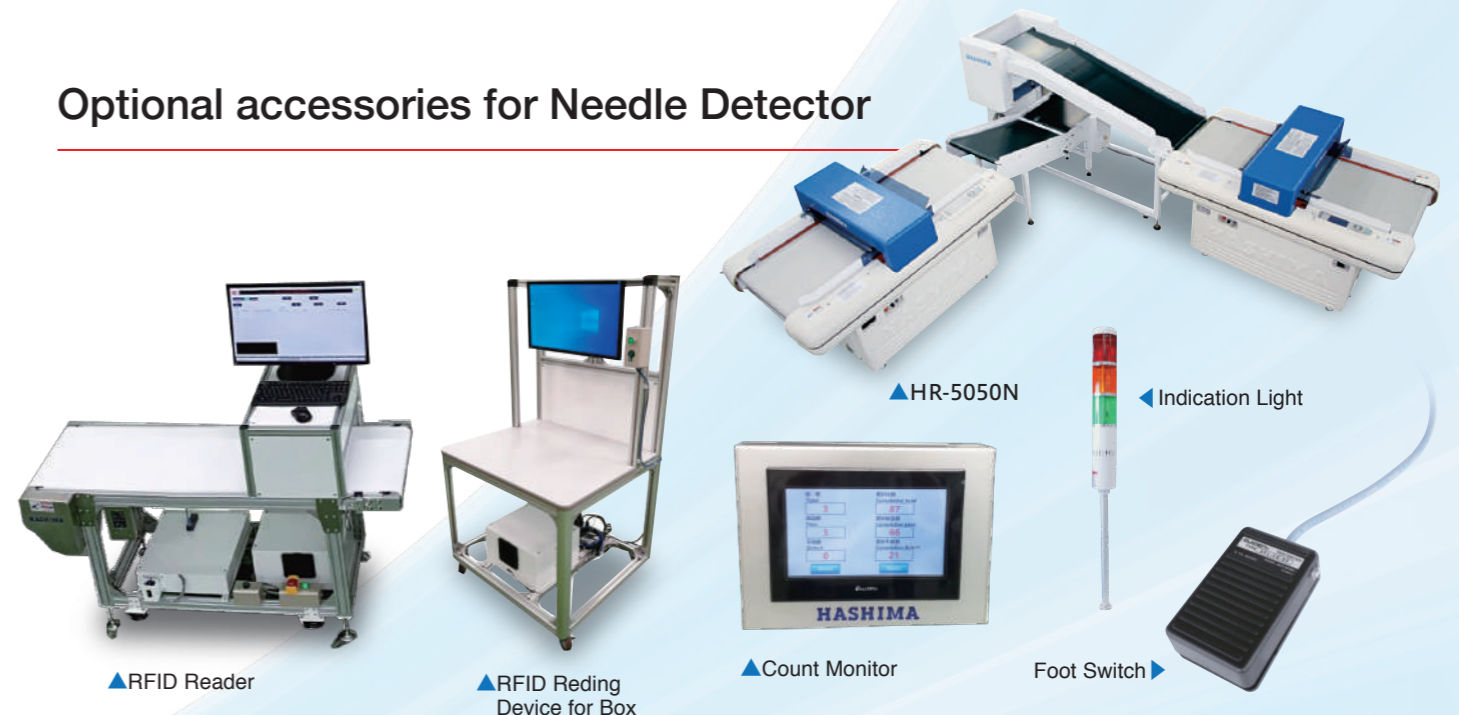
◀Indication Light

▲RFID Reader

▲RFID Reding Device for Box

▲Count Monitor

Foot Switch▶

3

4

Hashima's Needle Detector inspections are changing!

Needle Detector Precision Inspection Service

A new precision inspection service that provides factory-level inspections at the installation site by authorized Hashima technicians.

Patent pending

Compatible models HN-670, 870, 880C series

Mode select
Precision Inspection | Detection Test | Manual Operation
Calibration screen

DATA

Data can be imported to PC

Hashima Needle Detector Precision Inspection System Introduction Movie
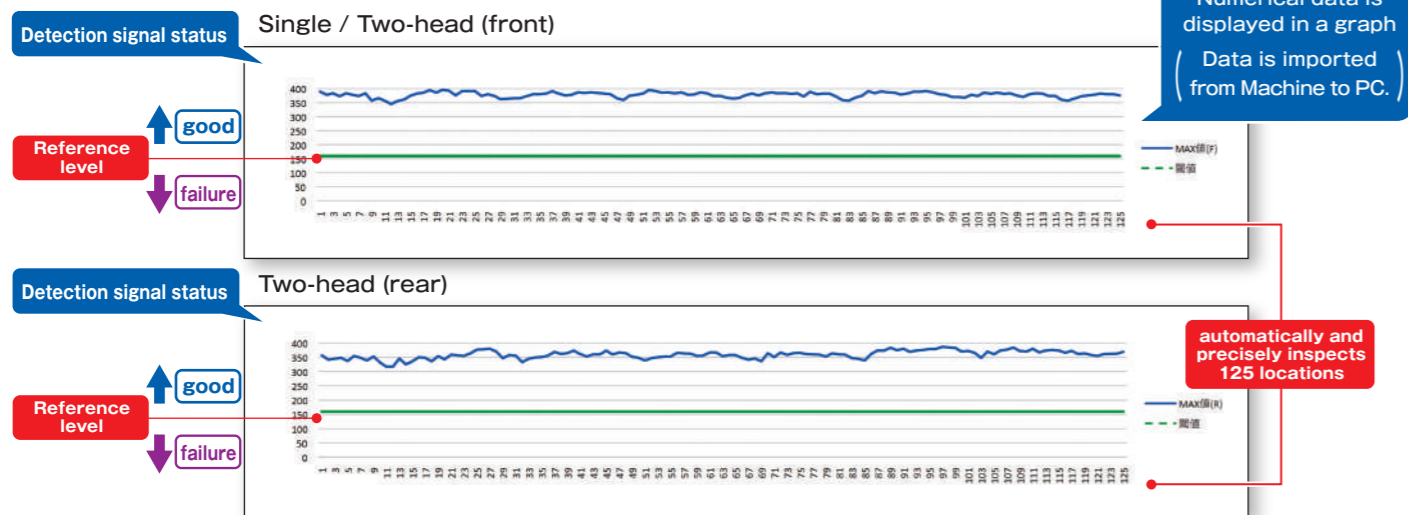
Check out the video

Scan the QR code on the left with a barcode reader on your smartphone or tablet device.

Hashima Needle Detector Precision Inspection System
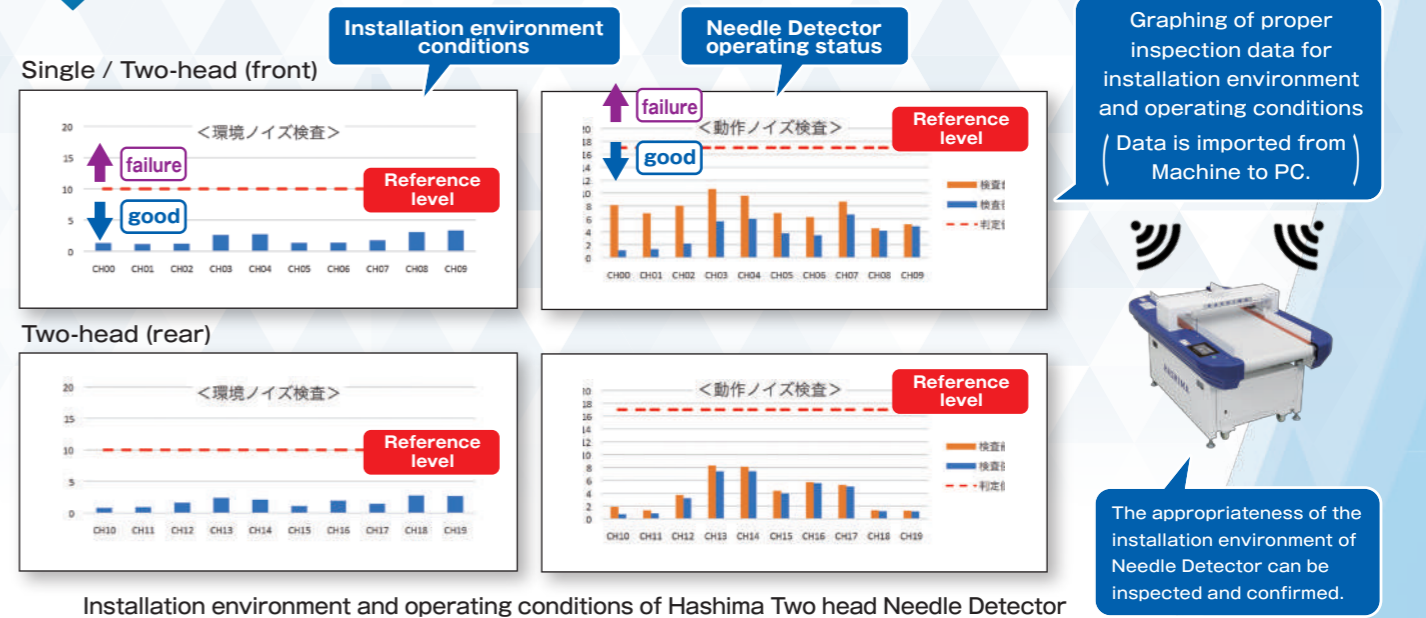
Lightweight | Compact

HN-C1

01 A new automatic inspection system automatically and precisely inspects 125 locations within the detection area. Graphical indication of good/failure.

Advantages
•Automatically inspectable
•Graphing of inspection results

Detection signal status

Single / Two-head (front)

Numerical data is displayed in a graph
Data is imported from Machine to PC.

Reference level
good
failure

MAX値(F)
閾値

Detection signal status

Two-head (rear)

automatically and precisely inspects 125 locations

Reference level
good
failure

MAX値(R)
閾値

Detection graph of hashima two-head Needle Detector

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02 Graphical representation of the installation environment and inspection of operating conditions important for Needle detector.

Advantages
•Confirmation of the machine's installation environment
•Check Needle Detector and operating conditions

Installation environment conditions

Needle Detector operating status

Graphing of proper inspection data for installation environment and operating conditions
Data is imported from Machine to PC.

Single / Two-head (front)

<環境ノイズ検査>
failure
good
Reference level

<動作ノイズ検査>
failure
good
Reference level
検査1
検査2
判定1

Two-head (rear)

<環境ノイズ検査>
Reference level

<動作ノイズ検査>
Reference level
検査1
検査2
判定1

The appropriateness of the installation environment of Needle Detector can be inspected and confirmed.

Installation environment and operating conditions of Hashima Two head Needle Detector

03 Electronic data with certificate and report.

Advantages
•Approval with report and inspection results
•Electronic certificate issued

Report-1 | Report-2

Hashima confirmed and authenticated → Issued

Needle Detector precision inspection certificatea(electronic certificate)

HASHIMA CO.,LTD.

After inspection, a "Report-1-2" will be issued, and if the level is cleared A certificate of precision inspection* is officially issued.

★This precision inspection service is performed by an authorized Hashima technician. If the inspection results do not meet the requirements, certificate will not be issued.

04 The original inspection report is stored on the Hashima Cloud Server and can be accessed at any time and from anywhere.You can check it.

HASHIMA CO.,LTD.

QR code is included on the certificate, allowing easy confirmation of test results.

Advantages
•QR code on the certificate
Secure service for easy confirmation of inspection results

PDF certificates and reports can be downloaded from the Hashima Cloud server from anywhere by reading the QR code, allowing you to share information with your customers.