

EM-serie-Catalogue



ECO-E2100 EM System



Made of imported high quality abrasion- and corrosion-proof resin, ECO-E2100's design concept is both industrialized and humanized. With chips of read-in DSP techniques, it can effectively prevent false alarm and improve alarm rate by reducing blind area. It boasts superb stability and highly competitive price.



ECO-E2100 Technical Parameters

Signal process mode:	read-in DSP technique
Antenna dimension:	1460mm×450mm×32mm
Protection width (1-lane):	0.75-1m
Alarm indication:	sound and light alarm
Matching labels:	compatible with all kinds of EM labels

NEW!



ECO-E2200 EM System

With modern and elegant appearance, ECO-E2200 system adopts read-in DSP digital signal process technology, which not only reduces false alarm effectively, but also enables system to detect EM labels accurately. Boasting good offer in price, it is a good substitute for ECO-E2100. We are witnessing ECO-E2200's wide use in bookstores, drug stores, CD stores and cosmetics stores.

ECO-E2200 Technical Parameters

Signal processing mode:	read-in DSP technique
Material	aluminum alloy; FRP
Antenna dimension:	1520mm*435mm *105mm
Protection width (1-lane):	0.75-1m
Matching labels:	compatible with all kinds of EM labels

ECO-2300 EM System



With deformation-free frame and imported acrylic material panel, ECO-E2300 is the first EM system with the concept of industrialized design in China. The application of world-leading techniques makes ECO-E2300 a stable and reliable system. It enjoys a good reputation among clients.



ECO-E2300 Technical Parameters

Signal processing mode:	digital
Antenna dimension:	1450mm*550mm *40mm
Protection width (1-lane):	0.75-1m
Matching labels:	compatible with all kinds of EM labels

NEW!



ECO-E2700 EM System

ECO-E2700 opens the newest intelligence software 3D detection technology in EM field. The stable function and detection assures its great market potential. Especially, ECO-E2700's wholly-molded shell can mostly avoid goods damage in international transport.

ECO-E2700 Technical Parameters

Signal processing mode:	digital regulation
Material	imported ABS industrial plastics
Antenna dimension:	1470mm*440mm *130mm
Protection width (1-lane):	0.75-1m
Matching labels:	compatible with all kinds of EM labels

HOT!



ECO-2800A Acrylic EM System

Made of imported crystal clear acrylic (PMMA) material, ECO-2800A's frameless antenna is of leading industrial design. It boasts accurate alarm, extraordinarily high book label detection rate, high-performance main board and the application of many leading techniques. It stands out as the best among various EM systems around the globe.



ECO-2800A Technical Parameters

Signal processing mode:	DMPD;DSP
Antenna dimension:	1510mm×380mm×25mm
Protection width (1-lane):	0.75 – 1m
Alarm indication:	Sound and light alarm
Matching labels:	compatible with all kinds of EM strips

SUPER!



ECO-2900A Super wide EM System

ECO-2900A is made of imported burning-/corrosion-/abrasion-resistant wooden. With high and wide antenna coil, E&2 2900A suits some big venues such as public libraries. Compare to 3M/Meto/Certus, ECO-2900A is absolutely the best choice for price, precision, conformity, and quality.



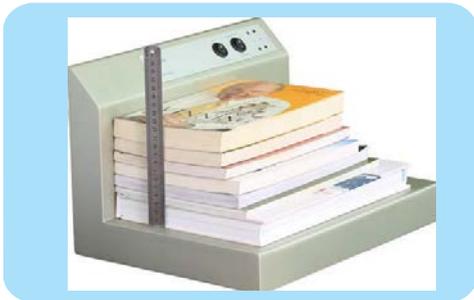
ECO-2900A Technical Parameters

Signal processing mode	dynamic multi-phase detection (DMPD); DSP
Protection width (1-lane)	1 - 1.3m
Antenna dimension	1800*75*55m0
Alarm indication	Sound and light alarm
Humidity range	≤95% RH (no coagulation)
Matching labels	compatible with all kinds of EM labels
Service life	above 15 years

SUPER!

All-in-one Library Workstation 2011

EM label deactivator/reactivator/verifier



Dimension	Controller: 360 x 170 x 180 mm Working board: 369 x 278 x 243 mm
Compatibility	3M, Checkpoint Meto, Tagit strips

All-in-one Workstation--- Strength



- **Comprehensive function**
All-in-one function includes tattle tape deactivation, reactivation and label-checking.
It performs check-in and check-out in one step.
Verifier light confirms presence of tattle tape security strip.
It is able to check all conditions including: if there is a EM strip in a book; if the strip has been deactivated; if it's a non-deactivable strip; if the strip has magnetism.
- **Good compatibility**
Be compatible with all type EM strips on the market, including those produced by 3M, Checkpoint Meto, Tagit Company, from different countries such as China, Germany, Czech, Israel, and Russia.
- **Excellent performance**
Activating/deactivating height reaches 10cm. Allow activation/deactivation for multiple books through only one operation.

All-in-one Workstation--your wise choice

All-in-one is a magnetic activator, deactivator, checker all-in-one device. This new technology integrates the old-style activator/deactivator with magnetic strip checker. Innovative high-precision identification software is adopted to realize the automatically accomplishment of the library work.

Designed for improving the work efficiency of librarians, it provides them a great convenience to serve the library' s circulation of books or DVDs.

ECO-E100 Label Deactivator/Reactivator

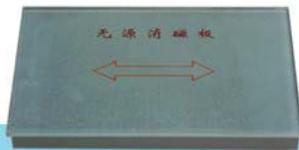


- Using infrared ray interval working mode, it is of low heat evolution and temperature rise. Its service life is above twice that of ordinary deactivator/reactivator.
- Its deactivating height is above 6cm, the highest in the trade, thus it improves the working efficiency.
- It can be fixed in the platform type (the deactivating working surface is at the same height of the desk), which makes work convenient.

Magnetizing power : $\leq 60W$
Working mode : non-stop
Functional height : $4cm \leq$
Size : $272 \times 225 \times 108mm$

Demagnetizing power : $\leq 30W$
MTTF : $\geq 50000h$
Working surface height : $\leq 10 \text{ cm}$

E-XC Deactivating Board



- Power-free working mode
- Deactivating height $> 2cm$
- Easy to install, convenient to use, low in cost

Working mode : non-stop, power-free
MTTF : $\geq 50000h$
Functional height : $2cm \leq$
Working surface Height : $\leq 3cm$
Size : $280 \times 210 \times 38mm$

ECO-E200 Book Label Checker



- Biggest detection height among all book label verifiers.
- Compatible with EM strips of different sizes and models.
- The detection panel is made of high-class plexiglass and is elegant in appearance.
- It is separable in design and can be fixed in the platform type.

Detection height : $10cm$ (for cobalt $16cm$ homemade strip)
Mainframe size : $233 \times 231 \times 25mm$
Panel size : $275 \times 230 \times 25mm$
Panel installation size : $255 \times 215mm$

EM Labels for books

Tail tags:

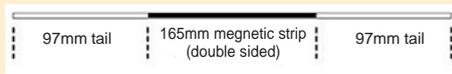
- tails on both sides for easy paste to the book spine
- deactivatable

- double-side glued/single-side glued selection
- reasonable price since they are reusable

SUPER!



ECO- E111 tail tag



3M EM Strip

Homemade tags:

- label length: 6cm, 8cm, 10cm, 12cm, 16cm
- deactivatable/non-deactivatable selection
- economical if you don't peruse detection rate so much



A Comparison between ECO-E111 Strip and ECO-E112 Homemade Strip

1. The base strip

Unit: mm

	Homemade Strip	ECO-E111 strip	Remarks
Thickness	0.04±0.01	0.025±0.005	ECO-E111 strip is a high-density and ultra thin type
Width	1.5±0.8	1.5±0.2	
Length	(0.04±0.01)×(2±0.8)×L	(0.025±0.005)×(1.5±0.2)×L	L=165 (measured value by Tester JX-3)

There is a manufacture craft difference between Homemade Strip and ECO-E111 strip. ECO-E111 strip is markedly superior to Homemade Strip in aspect of quality and concealment.

2. The silicon-steel plate

Unit: mm

	Homemade Strip	ECO-E111 strip	Remarks
Material	homemade silicon-steel plate	import silicon-steel plate	
Thickness	0.22±0.05	0.048±0.003	4.5 times thinner than Homemade Strip
Width	1.5±0.5	1.5±0.5	

On a base strip of same length, there are 3 or 4 pieces of silicon-steel plates for a Homemade Strip, while 12 pieces of uniform distribution silicon-steel plates for an ECO-E111 strip. This makes the deactivation and reactivation thoroughly.

3. Double sticky tape

Unit: mm

	Homemade Strip	E111 strip	Remarks
Material	homemade cotton paper double sticky tape	PET double sticky tape	
Retentivity	0.4	0.2	standard value ≤0.5
Load	6.00	4.00	standard value ≤6.00
Adhesive Force	1900	2600	standard value 1300g/in

Homemade cotton paper double sticky tape has relatively poor flexibility; ECO-E111 strip adopts PET double sticky tape, which has good transparency, strong flexibility, and is an environment-friendly product approved by international authoritative institution.

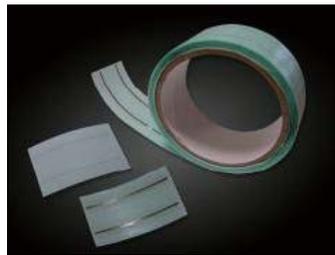


EM Labels for retail commodities



ECO-E105 Commodity label

- label dimension: 10*40/51/63mm selection
- deactivatable/non-deactivatable selection
- transparent/barcode/white selection



ECO-E103 CD/DVD label

- designed for CD/DVD anti-theft
- fully transparent design
- single or double super-thin cobalt-based strips

EM Hard Tag

- 48mmx42mm (1.89"x1.65")
- black/grey/white or customized

EM Bottle Tag

- \varnothing 56mm (\varnothing 2.20")
- black/grey/white or customized

EM Milk Tag

- \varnothing 56mm
- black/grey/white or customized



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