

Magnetic Stripe Analysers

Mag-Tester Range

Quick, accurate and reliable magnetic stripe testing for all magnetic media – regardless of form, shape, size or thickness

SUPPORTED SPECIFICATIONS

High (HiCo) and Low (LoCo) coercivity unencoded and encoded magnetic stripes related to:

- ISO/IEC 7811-2:2018
- ISO/IEC 7811-6:2018
- ISO/IEC 7811-8:2014
- ISO /IEC 10373-2
- Mastercard CQM

Custom test limits can be set by the user.

Other standards available as variants.



Revo



Customer's Main Test Requirements

Unencoded and Encoded HiCo, LoCo and 650Oe cards, tickets and media.

All different sizes and shapes – such as curved cards, minicards, transparent cards, unbroken gifts cards
Customised cards, Powered and Battery cards.
The only tester for **Metal** cards.

Benefits & Functions

- **Combines all the benefits of the Mag-Tester models.**
- Test all different shapes, sizes and thicknesses of cards, tickets, bank books, magnetic tapes and tape on lamination sheets.
- Greatest accuracy available (~1%).
- **The preferred choice of card and tape manufacturers.**

The **Mag-Tester** range offers powerful magnetic stripe quality control analysis of **encoded** and **unencoded** magnetic media - **HiCo, LoCo and 650 Oersted**.

They are used by magnetic stripe card and ticket manufacturers and bureaus for testing, QC, encoding equipment maintenance and development.

Providing quick, accurate and reliable testing, the Mag-Tester range is the industry-standard for production QC as well as laboratory analysis worldwide.



Which Mag-Tester is best for you?

MT3000E / Verify

Finished **Encoded** cards / tickets
(cards with data)
HiCo, 650 Oe, LoCo

MT3000SL

Unencoded LoCo cards / tickets
All Encoded HiCo & LoCo cards / tickets

MT3000SH

Unencoded HiCo cards / tickets
All Encoded HiCo & LoCo cards / tickets

MT3000

Unencoded and **Encoded HiCo**
and **LoCo** cards / tickets



Benefits & Functions

- Convenient, fast & accurate
- ID-1 and CR80 size
- Multi-functional software options

THE BARNES ADVANTAGE

Barnes is the chosen test tool of Banks & Issuers, Card Manufacturers, Personalisation Bureaus and Test Laboratories worldwide.

Here are some reasons why:

BUSINESS AGILITY

Barnes test tools are easy to use by both technical and non-technical users, and speed up card development and payment scheme certification.

COST ELIMINATION

The high business costs and wasted resources of producing and issuing invalid cards are eliminated.

RISK REDUCTION

The reputational risk of issuing invalid cards and tickets to end customers is reduced.

FUTURE PROOFED

Barnes works in partnership with all major payment schemes. As scheme rules evolve, Barnes rapidly makes updated test script packs available to customers via the Barnes website.

SERVICE EXCELLENCE

Our clients have every confidence that, whatever their test requirement, the Barnes team is always on-hand to deliver expert advice and fast support.

Wear Tester 3000

Examine weakness in magnetic stripe wear resistance of all cards.

Benefits & Functions

- Variable test settings
- ID-1 size cards
- Replacement test heads



Magnetic Stripe Test Limit Cards

QC of magnetic stripe card readers, ATMS and mag stripe card acceptance devices during manufacturing.

Benefits & Functions

Verify that readers meet and can go beyond ISO standards where required.