

Magnetic Stripe Analysers

Mag-Tester Range

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

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 bureaux 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.

SUPPORTED SPECIFICATIONS

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

ISO/IEC 7811-2:2014
ISO/IEC 7811-6:2014





ISO/IEC 7811-8:2014 (Option)

ISO /IEC 10373-2
Mastercard CQM

Custom test limits can be set by the user.

Other standards available as variants



| Customer's Main Test Requirements | Model | Benefits & Functions | Form Factor |
|---|------------------|--|---|
| Finished Encoded cards / tickets (cards with data) HiCo, 650 Oe, LoCo | MT3000E / Verify | Convenient, fast & accurate ID-1 and CR80 size Multifunctional software options (Levels 1-4) |  |
| Unencoded LoCo cards / tickets All Encoded HiCo & Loco cards / tickets | MT3000SL | Convenient, fast & accurate ID-1 and CR80 size Multi-functional software options |  |
| Unencoded HiCo cards / tickets All Encoded HiCo & Loco cards / tickets | MT3000SH | Convenient, fast & accurate ID-1 and CR80 size Multi-functional software options |  |
| Unencoded and Encoded HiCo and LoCo cards / tickets | MT3000 | Convenient, fast & accurate ID-1 and CR80 size Multifunctional software options (Levels 1-4) |  |

THE BARNES ADVANTAGE

Barnes is the chosen test tool of Banks & Issuers, Card Manufacturers, Personalisation Bureaux 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 make 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.

| Customer's Main Test Requirements | Model | Benefits & Functions | Form Factor |
|---|------------------|---|---|
| <p>Unencoded and Encoded HiCo, 6500e, and LoCo cards, tickets and media</p> <p>All different sizes and shapes – such as curved cards, minicards, transparent cards, unbroken gifts cards</p> <p>Customised cards. Powered and Battery Cards.</p> | Revo | <p>Combines all the benefits of the previous models.</p> <p>Test all different shapes, sizes and thicknesses of cards, tickets, bank books + Magnetic tapes and tape on lamination sheets.</p> <p>Greatest accuracy available (+/- 1%).</p> <p>The preferred choice of card and tape manufacturers.</p> |  |
| <p>Examine weakness in magnetic stripe wear resistance of all cards</p> | Wear Tester 3000 | <p>Variable test settings</p> <p>ID-1 size cards</p> <p>Replacement test heads</p> |  <p>GENERAL VIEW –CARD LOADED FOR TEST</p> |