

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>	<p>Revo</p>	<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>	<p>Wear Tester 3000</p>	<p>Variable test settings</p> <p>ID-1 size cards</p> <p>Replacement test heads</p>	
<p>QC of magnetic stripe card readers, ATMS and mag stripe card acceptance devices during manufacturing</p>	<p>Magnetic Stripe Test Limit Cards</p>	<p>Verify that readers meet and can go beyond ISO standards where required</p>	