InSpec 9000

Whether you are a manufacturer of magstripe cards or encoders, a service bureau for card personalization or a service technician the InSpec 9000-2005 answers all your magnetic stripe analysis needs. The magnetic stripe analysis software package for the InSpec 9000 was redesigned for ease of use, expanded functions and Windows® 7 and XP compatibility. It provides easy integration into your existing shop floor and PC-based QC systems. The Inspec 9000 Software is easy to learn, use and integrate into your Production Magstripe QC, Process Control, Service, Trouble Shooting and Engineering Programs.

Options

The InSpec 9000 is available in the following hardware configurations:

Mag Stripe Analyzer - Read Only
Provides analysis of encoded cards

Mag Stripe Analyzer – Read and Write
Provides analysis of unencoded and encoded cards

Mag Stripe Analysis Technicians Kit
A portable tool that allows technicians to have a mag stripe analyzer at their side while servicing encoding equipment

Test Modes

The InSpec 9000 can be used in several flexible easy to use test modes for magstripe cards:

• High Speed Go/No-GO

• ISO Parameter Go/No-Go

• Detailed Parameter analysis

• ISO Specs. in Numerical Formats

• Analysis of Decoded Data including zeroes and ones

• Histograms

• Control Charts

• Statistical Summary

• Process statistics from the Database

Features

• InSpec 9000 Magnetic Stripe Encoding Analyzer software now operates on Windows 7 and XP

• Easy to use graphical setup screens for non-technical production staff operators

• Machine operators can use a "Go/No-Go" display for all three encoded tracks to quickly pass or fail cards while data is automatically stored in a selected database

• New full color data analysis display screens include pass/fail condition indicators

• More technical and detailed screens provide in depth analysis

• Each point of data can be examined in detail by placing the cursor over the data point

• Display can be shown in Metric or English dimensions

• Start sentinel location with leading and trailing zeroes for all three tracks are displayed with "Go/No-Go" conditions

• Expanded statistical functions include control charts and histograms with ISO or customer-selected limits on the display screen

• Statistical parameters such as 3-sigma, mean, range, number of reject and percent reject displayed on all statistical screens

• Database management with a customer selected keyword and statistical analysis is easy to maintain

• Report generation includes data for magnetic encoding parameters for a given card, as well as, statistical analysis of the data accumulated over multiple cards from the database

• Analysis of the encoded data has been expanded to include analysis of the magnetic stripe by the optional addition of an IntelliStripe 380 PC-based three track encoder

• The InSpec 9000 provides analysis of un-encoded cards against specific ISO or customer selected specifications

• On-going support and analysis help by leading mag stripe technicians

• The InSpec 9000 is a cost effective and easy to use quality tool for equipment manufacturers, encoding service bureaus, card manufacturers, test labs and magnetic tape suppliers to measure the basic magnetic characteristics of their mag stripes and encoding quality against ISO or customer selected specifications

InSpec 9000 with IntelliStripe 380
provides Read and Write analysis of the Mag Stripe material

The combination of the InSpec 9000 and IntelliStripe 380 encoder provides analysis of the mag stripe material and encoded data.
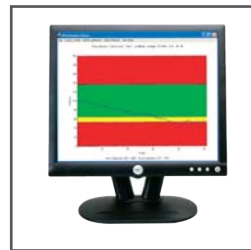
- To meet security requirements the IntelliStripe 380 encodes only fixed format test patterns
- HiCo & LoCo encoding
- Monitor mag stripe at the card punch – rugged design and ease of use
- Magstripe and Encoding Analysis Traceable to ISO specs

Read and write capability provides maximum flexibility and speed of testing

Statistical Data can be displayed on any histogram or control chart in the summary reports

Control Charts provides ongoing tracking of performance

The IntelliStripe 380 is a motorized magstripe/ Smart Card encoder-reader that instantly encodes magstripe cards

Statistical Software Analysis

InSpec 9000 software provides full statistical analysis on saved data in the database and generates reports.

- Automatic Histograms showing ISO or customer chosen limits
- Control Charts showing on-going analysis by machine, by operator and by magstripe stock parameters over time
- Statistical data displays sigma, Min/Max, range, average values and percent reject rate
- Setup technicians can use histograms to determine when production equipment is at maximum performance
- Statistical Reports are useful in scrap reduction and statistical process control of the production process

MAGTEK®
SECURITY FROM THE INSIDE

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