

# Mag3x Mini MagStripe Analyzer

## Small Footprint

Just 10.5" x 8.5" x 2.5"  
and 4.5 pounds



## Mag3x Mini Magstripe Analyzer

Q-Card's Mag3x Mini magnetic stripe analyzer is a lightweight, industrial-grade piece of equipment for portable card testing. It is ideal for card manufacturers and capable of testing a wide range of cards, including Encoded ID1 Plastic Cards, ISO tracks 1, 2 and 3, and Embossed/Pre Embossed. The Mag3x Mini system comes standard with insertion transport, Windows 7 compatible testing software, and user manual.

Measurement repeatability for signal amplitude is  $\pm 5\%$ .

### Tests wide range of cards:

- Encoded ID1 Plastic Cards
- ISO tracks 1, 2 and 3
- Embossed / Pre Embossed
- English and Chinese language software available
- Windows 7 compatible
- Simple graphical displays show pass or fail for each card

- Save detailed data on each card for future analysis
- 12-bit resolution
- Fast pass/fail tool for production line
- Convenient, mini form factor
- Easy-to-use reporting
- Serviceable by end user
- Calibrate at your own facility
- One click testing
- Fast 100K samples/second

# Mag3x Mini

## Specifications

### Standard Equipment Provided:

- Light industrial-grade testing system with insertion transport, Windows 7 compatible testing software, and user manual.
- Measurement repeatability for signal amplitude is  $\pm 5\%$ .

### Encoding, amplitude analysis, etc:

- Perform ISO amplitude test of encoded card (vs UR) with peak, average and standard deviation measurements, absolute amplitude plot and waveform.
- Test both high coercivity and low coercivity stripes.
- Perform ISO tables 2, 3, 5, 6 jitter & bit length measurements.
- Display of track data, ABA (BCD), IATA (ASCII) or ISO-8484 (bank savings books) at various densities.
- Graph absolute bit length, bit-to-bit and subinterval jitter.
- Show density, total bits and average jitter for entire track.
- Display parity and LRC errors.
- Report/graph bit density variations along stripe.
- Reload data at later time for additional analysis.
- Display raw data for detailed analysis, such as with proprietary or nonstandard formats.

### Output Capabilities:

- View results on your computer display.
- Print all test results in black and white or color.
- Save results to disk in word processor or spreadsheet format.
- Save/reload amplitude/waveform to/from disk
- Save/reload jitter and density data to/from disk.

### Other Features:

- Capable of creating tests for custom card specs.
- Multi-language support available.



Convenient carrying case included.



The Mag3x Mini comes with these cards:

- Amplitude Calibration Card
- Start Sentinel Calibration Card
- TC-P HiCo Reference Card

# Accessories



- Amplitude Calibration Card



- Start Sentinel Calibration Card



- TC-P HiCo Reference Card



- Q-Card Magnetic Head Cleaning Cards

# Ordering Details

Part #	Description
906689	Mag3x Mini Magstripe Analyzer
QCA1035	Factory Service Calibration
QCA1051	DIY Calibration Kit
QCA1009	Amplitude Calibration Card
QCA1010	Start Sentinel Calibration Card
QCA1012	TC-P HICO Reference Card
TC-CLEANING-DS	Cleaning Card

# Specifications

## Electrical

- USA: 110 V / 60HZ
- Europe / Asia: 220 V / 50Hz

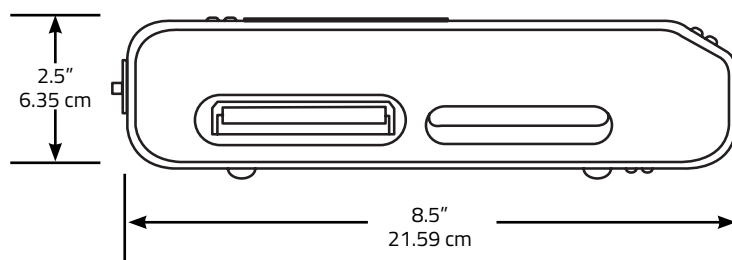
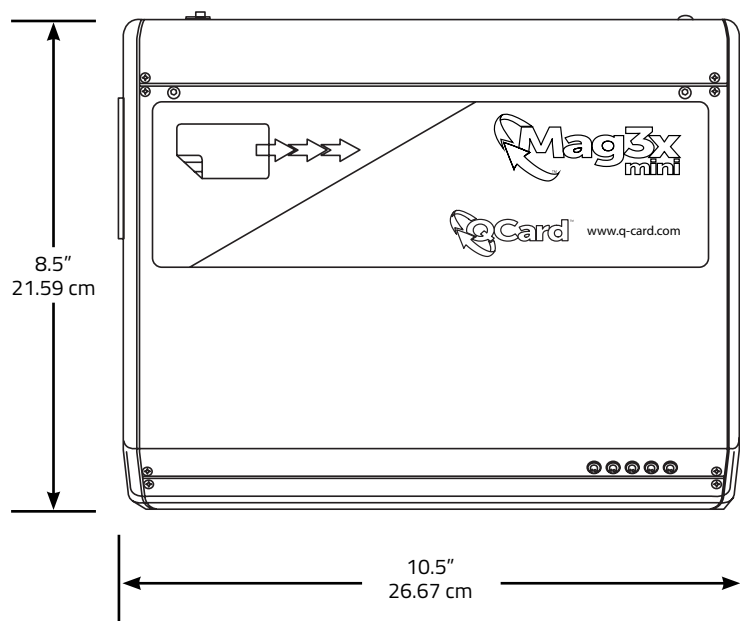
## For Data Acquisitions

- PC Computer with Windows 7 or Vista and Excel 2000 and later

## Weight

- 4.5 pounds

# Dimensions



301 Reagan Street  
Sunbury, PA 17801 USA  
Phone: 570.286.7447  
Fax: 570.286.2649  
[www.q-card.com](http://www.q-card.com)



800-717-8007