RDM® by deluxe

QCX

Simultaneous magnetic and optical tests for image readiness and MICR standards

Product Overview

Electronic Check Truncation requires financial documents to meet strict Image readiness and MICR standards. Traditional testing methods require an Optical and Magnetic tester, several manual gauges, tools and a great deal of training and expertise. The RDM QCX performs simultaneous magnetic and optical tests in a single machine.

The RDM QCX fulfills all the requirements for MICR and Image testing. It's easy to use and understand all the tools available for detailed testing and reporting.

The RDM QCX's powerful software performs the testing and analysis for you and reports MICR and Image failures with warnings based on specific country standards. It also provides the ability to create custom alerts and screen pop-ups so that issues are reported / emailed to management and press operators are advised of required actions.

Analysis Tools/Powerful Reporting

Because Check 21 requires quality MICR and Image documents, the RDM QCX provides comprehensive analysis reports for all MICR and Image test results.

Key Features

- Simultaneous magnetic and optical MICR testing
- Image readiness testing
- USB 2.0
- Software offers friendly and intuitive user interface
- 4 Models | fully upgradeable
- MICR only (E13B / CMC7)
- MICR & Optical (E13B / CMC7)
- MICR & Optical and Image (Front and Back)
- Image (Check 21 compliance) (Front and Back)
- MICR precision 0.0005"
- Image accuracy 0.001"
- Soft gauges: character templates, comparators, code line positions etc.
- Custom layouts for MICR and Image
- Report annotations: graphics, text etc.
- Test log files keep data for statistical analysis
- Test alerts and screen pop-up warnings
- Customizable testing and reporting
- Enhanced help and documentation

New Technology

The RDM QCX employs the latest hardware and software technologies.

- Magnetic dimensions are precise to 0.0005 of an inch (10 times more than the MICR Qualifier GTX)
- Optical testing is accurate to 0.001 of an inch

The RDM QCX software offers extensive tools and options that were not available in previous MICR and Image tester applications: for most users it automatically does the work with minimal training and for the technical analyst it meets all possible requirements.

Product Specifications

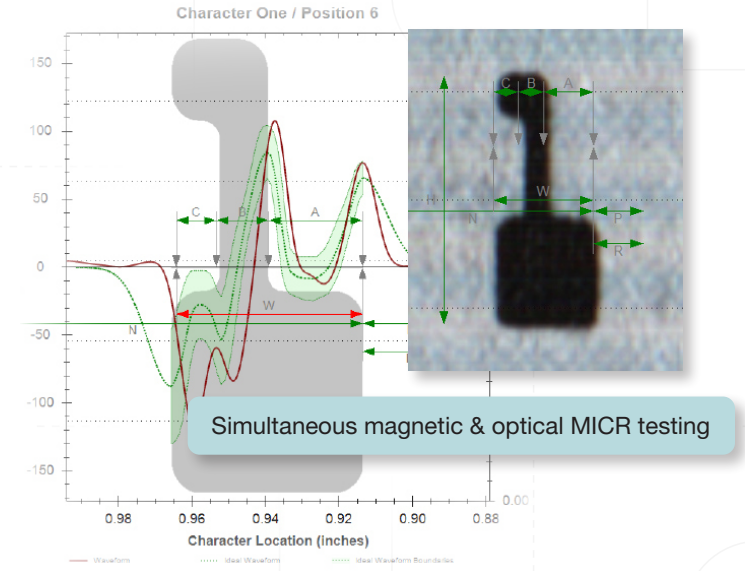
- ANSI specified read/write head and amplifier
- Power supply: 115 VAC, 60Hz; 220, 240 VAC 50Hz
- Weight: 8.5 lb / 3.7 kg
- Dimensions: 18” (W) x 9” (H) x 7”(L)

Minimum computer requirements

- Pentium i3, 2GB / 4GB RAM
- 500 MB available hard disk space
- Windows supported printer
- Screen resolution minimum 1200 x 900
- Minimum 20” flat screen monitor recommended
- Windows 7/10
- Microsoft .NET Framework (WIN7 - 3.5.1, WIN10 - 4.5.2 SP1)
- QCX Requires USB2 HS Ports for Windows 7 and USB2 or USB3 HS ports for Windows 10

Recommendation for the QCX Image option

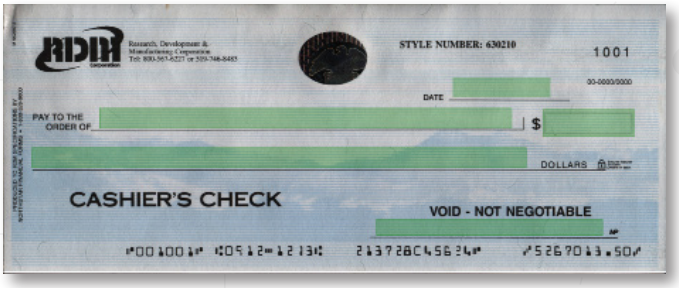
- Video RAM - minimum 512MB / 1024MB
- Desktops - NON integrated video card strongly recommended
- Laptops - Performance model over business class recommended for superior video card



Simultaneous magnetic & optical MICR testing

Image Readiness for Check 21 compliance

The RDM QCX tests against the various country standards



Custom Reporting

Document	Scanned	Result	Errors
MICR (magnetic)	43 characters	Fail	24
MICR (optical)	44 characters	Fail	12
IMAGE (front)	yes	Fail	4
IMAGE (back)	yes	Fail	3
Document Format	**Tested**	**Result**	**Errors**
Length	yes	Pass	
Height	yes	Pass	
MICR Line Format	**Tested**	**Result**	**Errors**
Maximum Character Count	yes	Pass	
Check Digit	yes	Fail	2
Missing Field	yes	Pass	
Trailing Space	yes	Fail	1
Leading Space	yes	Pass	
Security Code	no	n/a	
MICR Line Field Format	**Tested**	**Result**	**Errors**
Start Position	yes	Pass	
Length	yes	Pass	
Start Character	yes	Pass	
End Character	yes	Pass	
Allowed Characters	yes	Fail	1
Character Limit	yes	Pass	
Required Character	no	n/a	
Character Positions	yes	Pass	
Position Character	yes	Pass	
MICR Character Analysis	**Tested**	**Result**	**Errors**
Signal Strength	yes	Fail	1
Width (magnetic)	yes	Fail	9
Width (optical)	yes	Fail	3
Height	yes	Pass	
Dimensions (magnetic)	yes	Fail	5
Dimensions (optical)	yes	Fail	4
Spacing (magnetic)	yes	Fail	18
Spacing (optical)	yes	Pass	
Quality (magnetic)	yes	Fail	3
Quality (optical)	yes	Fail	3
Unknown Character (magnetic)	yes	Fail	3
Unknown Character (optical)	yes	Fail	4
User Defined Width (magnetic)	yes	Pass	
User Defined Width (optical)	yes	Pass	
User Defined Height (optical)	yes	Pass	
Area of Interest (image)	**Tested**	**Result**	**Errors**
Paxel Count	yes	Fail	3
Reflectance	yes	Fail	3
Print Contrast Signal	yes	Fail	1
User Defined	**Tested**	**Result**	**Errors**
User Defined	no	n/a	

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