



RDM Quality Control Extended | QCX

New Approach

QUALITY CONTROL
extended

QCX



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 and tools and a great deal of training and expertise. The RDM QCX performs **simultaneous magnetic and optical tests**.

The RDM QCX fulfills all the requirements for MICR and Image testing in a single machine that makes it easy for the novice to use and understand and a technical analyst to appreciate 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 and 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

Check21 in the USA requires quality MICR and Image documents. The RDM QCX provides comprehensive analysis reports for all MICR and Image test results.

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.

Simultaneous magnetic and optical tests Improved accuracy

Key Features

- USB
- 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"
- Simultaneous magnetic and optical MICR testing
- Image readiness testing
- 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

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 | |

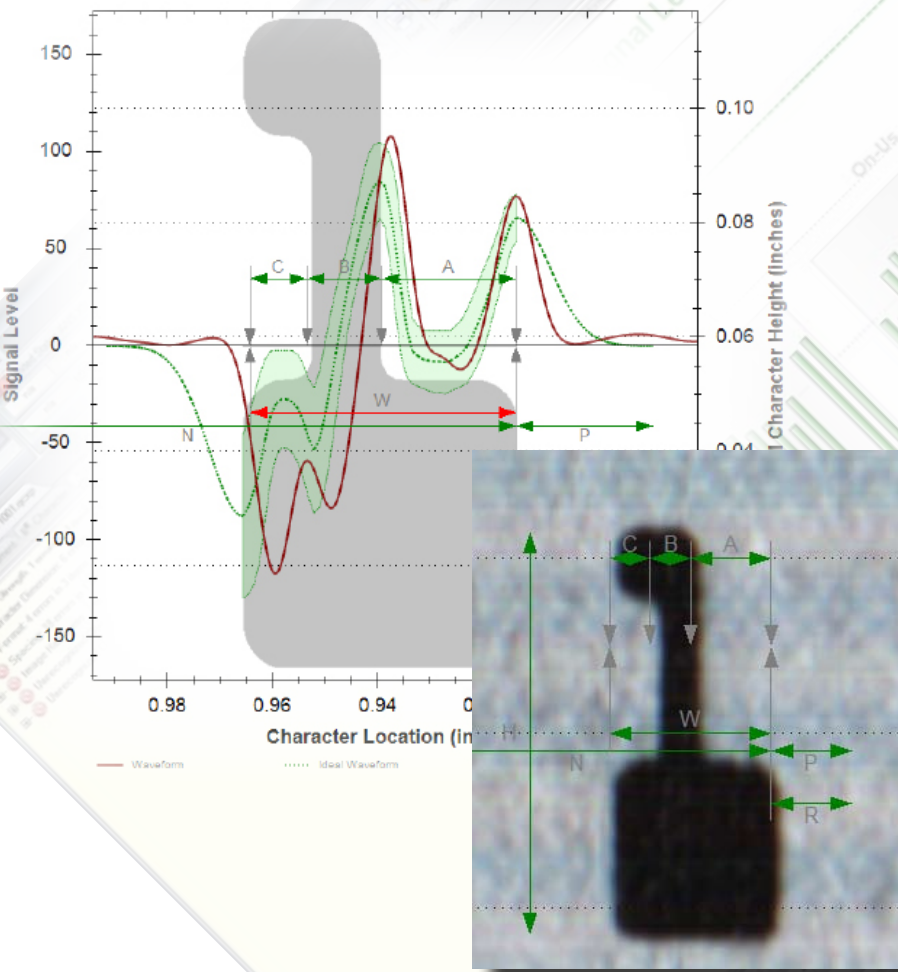
| MICR Character Analysis | Tested | Result | Errors |
|-------------------------------|--------|--------|--------|
| Signal Strength | yes | Fail | 1 |
| Width (magnetic) | yes | Fail | 9 |
| Width (optical) | yes | Fail | 3 |
| Height | yes | Pass | |
| Dimensions (magnetic) | yes | Fail | 5 |
| Dimensions (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 |
|--------------------------|--------|--------|--------|
| Pixel Count | yes | Fail | 3 |
| Reflectance | yes | Fail | 3 |
| Print Contrast Signal | yes | Fail | 1 |

| User Defined | Tested | Result | Errors |
|--------------|--------|--------|--------|
| User Defined | no | n/a | |

SIMULTANEOUS MAGNETIC & OPTICAL MICR TESTING

Character One / Position 6



Product Specifications

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

Minimum Computer Requirements

- Pentium i3, 2GB RAM
- 250 MB available hard disk space
- Windows XP/Vista/7
- Windows supported printer

www.check21certified.com

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