



## RDM's Quality Assurance Solution | CMC7 MICR Qualifier



**CMC7 MICR Tester.  
Measures to ISO Specifications.  
MICR Reject Reduction.  
The Core of a Quality Assurance Process.**

### Product Overview

#### Banks

Are your MICR reject rates increasing? Many institutions printing cheques have limited knowledge of MICR quality standards especially with the advent of new non-impact print technologies.

Save time and money by having the ability to explain the cause of rejected items to your clients. This will help them conform to the CMC7 MICR standards thereby lowering reject costs. Enhance your relationship with your client. Reduce the time it takes for cheque processing by using the most advanced MICR testing technology available.

#### Check Security Printers

Do you want to save company time? Do you want to save company money and avoid expensive reprints? The RDM CMC7 MICR Qualifier can:

- ▶ Test CMC7 print to ISO standards
- ▶ Improve customer satisfaction by reducing the number of MICR jobs being rejected or returned
- ▶ Provide immediate process control feedback to the press operator

- ▶ Eliminate the need to reprint entire MICR runs due to sub-standard quality
- ▶ Generate reports to communicate problems

The RDM CMC7 MICR Qualifier emulates reader/sorter transport and recognition technologies in a versatile desktop tester.

Combined with a personal computer, the CMC7 MICR Qualifier provides a simple method to gather and analyze data on signal strength, character dimensions, spacing, waveform shape and wide and narrow intervals.

#### Quality Assurance Process

Saved data can be stored on the computer for later use or printed in a report format. This information can then be used for quality tracking which is needed for an effective quality assurance process.

The CMC7 MICR Qualifier is an in-depth MICR analysis tool for your quality control staff, press operators, production managers and quality assurance officers.

RDM's CMC7 MICR Qualifiers are installed in major banks, check security printers, major corporations and equipment vendors in over 35 countries worldwide.

### Key Features

- ▶ Document Summary Display: CMC7 MICR line summary snapshot quickly identifies problem areas
- ▶ Character Shape Display: identifies stroke width and out-of-specification characters
- ▶ Mean Average Field Measurement: identifies long and short intervals and ink intensities
- ▶ Character Waveform Display: plots the waveform for each character
- ▶ Measurement Summary: shows detailed analysis of all check related issues

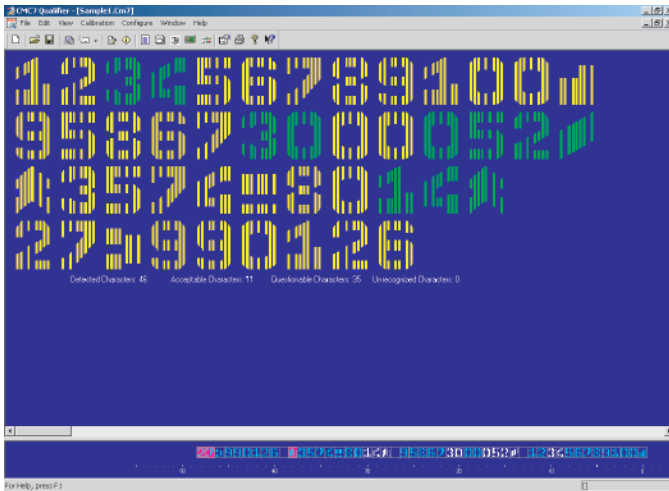
## Product Specifications

Footprint: 10" by 15.5" by 8"  
 Document Transport: 254 cm per second; left to right  
 Power: 115 VAC, 60Hz, 220, 240VAC, 50Hz

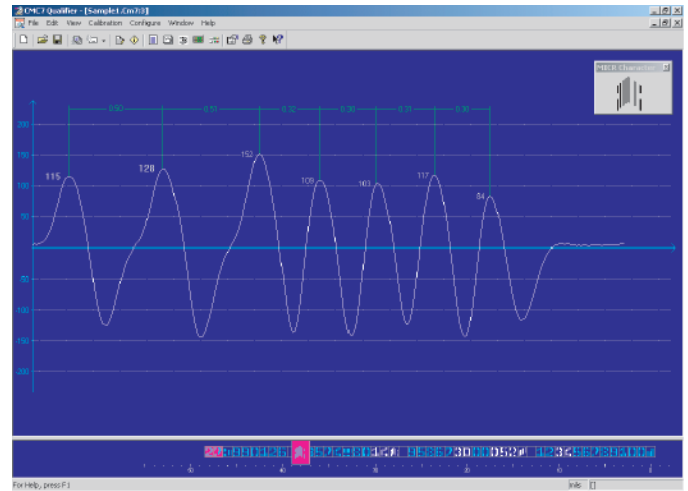
## System Requirements

Pentium 90, 32MB RAM, 25 MB available Hard Disk or better  
 Windows 95 or better

## Screen snapshots of the Qualifier



Document Display Screen shows CMC7 MICR line and displays problem areas.



Magnetic waveform gives greater detail for analyzing rejects, detecting extraneous ink, and identifying MICR line intrusions.



Closer inspection pin-points the problem character and compares measured to ISO specifications.

The screenshot shows the 'Mean Average Field Measurements' table in the CMC7 Qualifier software. The table lists four fields with their respective MICR lines and measurements for Stroke Width, Short Interval, Long Interval, Char. Interval, and Intensity.

Field	MICR Line	Stroke Width	Short Interval	Long Interval	Char. Interval	Intensity
Field 1	1234567890100	0.17mm	0.31mm	0.50mm	0.66mm	136%
Field 2	9876543210052	0.17mm	0.31mm	0.50mm	0.67mm	151%
Field 3	1234567890100	0.17mm	0.31mm	0.50mm	0.66mm	136%
Field 4	27990126	0.17mm	0.32mm	0.49mm	0.65mm	136%

The document is titled 'For help, press F1'.

Mean Average Field Measurements identifies long and short intervals and ink intensities.