



MICRcheck includes a magnetic read unit on a web-handling module. (Shown here with RS Rewind.)

- In-line efficiency
- Increased process reliability
- Reduced waste
- Reduced printer downtime
- Increased operator productivity

Verifying MICR in-line

Verify MICR quality in-line with your web-fed digital printer. In-line verification eliminates the waste and interruptions inherent in an off-line process. MICRcheck™ provides proof of MICR print quality to any organization interested in printing and mailing large volumes of checks quickly and efficiently.

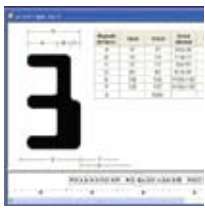
With MICRcheck, printing pauses momentarily to allow magnetic sensors to sweep the printed web and verify MICR readability. Because examining checks is so easy and fast with MICRcheck, testing can be performed frequently, reducing the risk of undetected poor quality checks and the consequent financial penalties. Downtime is decreased and re-printing costs are avoided.

MICRcheck eliminates the waste of sample test-only checks or the labor involved in returning live tested checks back into the output stream.

As with all of our products, the MICRcheck solution is compatible with today's most advanced digital printers and can be adapted to meet your printing needs. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Count on Lasermax Roll Systems to help you do more with digital print.

MICRcheck

The MICRcheck solution from Lasermax Roll Systems consists of a magnetic read unit mounted on a web-handling module. This system is connected to a separate computer* to provide a user interface with analysis charts, reports and archived test



Dimensional analysis

data essential to manage the MICR testing process. MICRcheck detects extraneous ink and MICR line intrusion, and verifies a 5/8" clearband around the MICR line.

MICRcheck was developed in conjunction with RDM Corporation, the leading manufacturer of MICR quality assurance products.

MICR Operation

MICRcheck analyzes checks printed foot first or head first and can simultaneously verify two checks printed side-by-side across the web. During most of the printing process MICRcheck sits idle, allowing the paper web to pass through it. Periodically the operator pauses the printer and the



Easy alignment



Closed for testing



Visual feedback

web for a "spot check" of the MICR print quality. The system allows the operator to quickly and easily align the MICR print line for testing. The read unit is closed to perform the test, and in seconds the read unit opens automatically and printing resumes.

When non-MICR applications are run, the paper web merely passes through the idle MICRcheck unit. However, MICRcheck is lightweight and on wheels for easy movement to a back-up printing system when necessary.

MICR Standards

MICRcheck tests to ANSI Standards X9.27 and X9.13 for signal strength, character dimensions, extraneous ink, MICR line intrusions and MICR line format. Unlike automatic camera-based scanning systems, MICRcheck is the only in-line system with the essential direct magnetic waveform analysis necessary to meet the ANSI requirements.



Computer shelf

MICRcheck uses standard power, is mobile, modular, compact, and is designed to dramatically improve workflow.

*A Windows based laptop or desktop computer must be acquired separately for each MICRcheck unit installed. MICRcheck offers an optional shelf designed to easily accommodate a laptop computer.

Specifications

Performance / Media

Speed Max.	500 ft/min	2.50 m/sec
Print	Simplex	
Feeding	Pinfed or pinless	
Paper weight	16-42# bond	60-155 gsm
Web width	8"-21"	200 mm-530 mm

Physical

Length	35"	881 mm
Width	37"	942 mm
w/ notebook shelf	55"	1394 mm
Height	43"	1086 mm
Weight	208 lbs	94 kg

Electrical

Power	115 VAC 50/60 Hz, 3A
or	220-240 VAC 50/60 Hz, 1.5A
Heat Output	120 BTU/h 30 kcal/h

Environmental

Temperature	72° ± 4° F	22° ± 2° C
Min.	60° F	15° C
Max.	80° F	27° C
Humidity	50% ± 10%	
Acoustics	Max. 90 dbA	

Agency Approvals

UL, CUL, FCC, CE



Lasermax Roll Systems

www.lasermaxroll.com

China Shanghai
Beijing
Singapore
Sweden
United Kingdom
USA

+86 216 2790792
+86 108 5804932
+65 6793 9478
+46 372 256 00
+44 179 370 7110
+1 781 229 2266

info@lasermaxrollsystems.cn
info@lasermaxrollsystems.cn
info@lasermaxroll.sg
info@lasermaxroll.se
info@lasermaxroll.co.uk
info@lasermaxroll.com