



MICR Qualifier GTX



**PRINTERM**  
DATASCRIBE INC.

# Introducing the GTX

The new GTX is the next generation in MICR (Magnetic Ink Character Recognition) Quality Control Workstations. Developed in response to banks and document printers, the GTX delivers user-friendly features such as a graphical display of MICR character diagrams analyzing stroke width dimensions, and embedded PDF reporting.

The GTX demystifies the process of identifying reject causes. It facilitates communication between banks, corporations and printers by improving MICR quality and reducing costly rejects.

A component of Printerm's "Reject Reduction" solution, the Qualifier GTX is an invaluable tool for banks, payment processing centers and check printers. With the advent of digital MICR printing, migration from signal strength problems to MICR character dimensional quality problems has occurred. Using the highest level of detection technology, we test beyond the American Bankers Association (ABA) and American National Standards Institute (ANSI) X9.27 and X9.13 standards.

## Analysis Tool – Powerful Reporting

A survey of US banks indicates approximately 35% of MICR related problems can be resolved within 60 days utilizing GTX reporting software. The speed and efficiency of the GTX allows the preparation for more reports in a shorter period of time.

## Scientific Instrument – Cutting Edge Technology

The Qualifier GTX utilizes high-speed, straight-through transports that have reader/sorter grade components with technology that can analyze a document in seconds. The GTX identifies all common problems including:

- Signal level
- Line format and spacing
- Line intrusions
- Extraneous ink
- Character dimension and font issues

Individual character representation and user programmable signal alarm levels ensure the highest level of quality analysis. The GTX supports multiple international formats and newer non-impact print technologies, such as laser. Ease of use is ensured through user-friendly software and single click operations.

efficient  
accurate



## Benefits

The Qualifier GTX is a breakthrough in MICR printing quality analysis. A winning combination of high precision technology and value added features make this an invaluable tool for banks and printers.

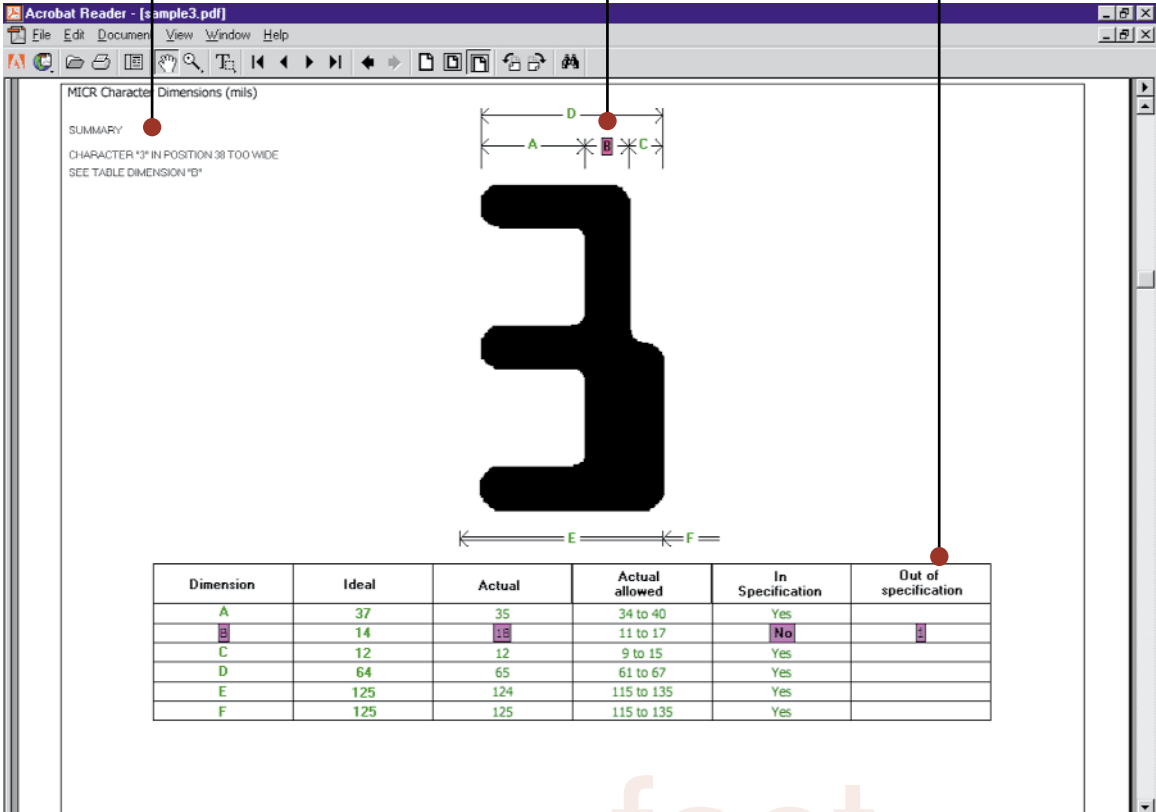
## Easy-to-Use

The Qualifier GTX clearly explains where and how MICR characters deviate from allowable tolerances. Older equipment produces difficult to read "wave form" reports that require significant technical expertise to understand. Interpreting the data and communicating it to users of MICR technology presents an additional challenge. With the GTX's advanced reporting functions it is easy for even non-technical people to clearly explain print quality issues.

Summary of the analysis.

Dimensions that are out of ANSI spec are highlighted and detailed.

Tables show critical font dimensions, which dimensions are at fault, and what the nominal ANSI dimensions and tolerances are.



| Dimension | Ideal | Actual | Actual allowed | In Specification | Out of specification |
|-----------|-------|--------|----------------|------------------|----------------------|
| A         | 37    | 35     | 34 to 40       | Yes              |                      |
| B         | 14    | 15     | 11 to 17       | No               |                      |
| C         | 12    | 12     | 9 to 15        | Yes              |                      |
| D         | 64    | 65     | 61 to 67       | Yes              |                      |
| E         | 125   | 124    | 115 to 135     | Yes              |                      |
| F         | 125   | 125    | 115 to 135     | Yes              |                      |

PDF analysis file easily generated and emailed to any PC with Adobe.

### Specifications

- 100 inches per second
- ANSI specified read/write head scans entire 5/8" clear-band
- Power Supply: 115 VAC, 60 Hz; 220, 240 VAC, 50 Hz

### System Requirements

- PC – 486 – 66 MHz or better
- Windows 95 minimum
- EGA, VGA or better
- Windows supported printer



| Features                                              | Benefits                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Report Generation                                     | <ul style="list-style-type: none"> <li>¥ Reports on MICR quality problems ensure timely communication</li> <li>¥ Responsive remedial action on reject problems through comprehensive and easy-to-understand reports</li> </ul>                                                                                                                                                                                  |
| Graphical Representation of ANSI Character dimensions | <ul style="list-style-type: none"> <li>¥ Conveys understanding of ANSI character dimensions to non-technical people</li> <li>¥ Facilitates training on use of the MICR Qualifier</li> </ul>                                                                                                                                                                                                                     |
| PDF File formats of analysis screens                  | <ul style="list-style-type: none"> <li>¥ Analysis reports can be viewed on a PC without a MICR Qualifier</li> <li>¥ Allows Adobe Acrobat to open and print MICR Qualifier reports</li> <li>¥ Report information can be universally distributed</li> <li>¥ The colour used for clarity in charts, diagrams and waveforms can be conveyed in reports</li> </ul>                                                   |
| Save data to disk                                     | <ul style="list-style-type: none"> <li>¥ Analysis data can be saved for auditing purposes</li> <li>¥ Quick retrieval of data assists in customer related issues</li> <li>¥ Output capability for proprietary software analysis</li> </ul>                                                                                                                                                                       |
| Embedded E-mail Reporting                             | <ul style="list-style-type: none"> <li>¥ E-mail reports can be quickly constructed with PDF files directly from the analysis process</li> <li>¥ Powerful tool for communicating action on rejects</li> <li>¥ Banks corporate customers can be effectively challenged on MICR print quality issues</li> <li>¥ Clear concise reporting assist customers/printers to correct MICR font related problems</li> </ul> |
| Dimensional Waveform Analysis                         | <ul style="list-style-type: none"> <li>¥ Representation of actual vs ideal dimension analysis</li> <li>¥ Effective presentation of complete information on dimensions</li> </ul>                                                                                                                                                                                                                                |
| Character Spacing data table                          | <ul style="list-style-type: none"> <li>¥ Facilitates communication of spacing problems in a self explanatory format</li> </ul>                                                                                                                                                                                                                                                                                  |
| Extraneous Ink Detection                              | <ul style="list-style-type: none"> <li>¥ Warns of spattering of magnetic ink/toner that will cause rejects</li> <li>¥ Adjustable sensitivity for detection of extraneous ink</li> </ul>                                                                                                                                                                                                                         |



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D A T A S C R I B E I N C.

# MICR Qualifier GTX

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