

# iNSIGHT™ 150

OMR and Image Scanner

SCANTRON®

## System Solutions



### Smarter Imaging Technology Solution

- HIGH SPEED, FLEXIBLE DATA COLLECTION
- BEST PERFORMANCE FOR THE PRICE
- ACCURACY YOU CAN RELY ON

When you need to collect vast amounts of data quickly and it must be accurate turn to the iNSIGHT™ 150 scanner as the smart technology answer. The iNSIGHT™ 150 scanner from Scantron provides high performance and interprets Optical Mark Recognition (OMR), hand and machine printed characters, bar code, mark sense and more. Whether you need to collect constructed responses in test scoring and survey processing or other critical applications, you can rely on our high standards for accuracy. We have manufactured trusted scanning systems for more than 50 years.

### Meets High Volume Needs

The iNSIGHT 150 system supports automated data capture applications that demand critical accuracy and high production throughput levels. It delivers unparalleled speed in the collection of data, which helps reduce capital investment and improves data turnaround time. This latest addition to our iNSIGHT image-based scanner family provides the best performance for the price in the industry.

### Captures Data and Entire Form Image

Easy to operate, the iNSIGHT 150 scanner includes two built-in read modes: one for reading pencil marks and one for reading marks made with blue or black ink. An open feed path provides sheet visibility at all times as well as easy access for sheet removal and transport cleaning. Scanner diagnostic software quickly pinpoints any operational problem. Any previous software applications developed for the OpScan® 2/3/4/4XP/4U scanners are plug and play compatible with the iNSIGHT 150 scanner.

### Reads Both Hand Print and Machine Print Characters

The iNSIGHT 150 system interprets OMR, hand and machine printed characters, bar code, mark sense, and binary coded numbers. For example, student ID numbers and social security numbers can be pre-printed on data collection forms, reducing errors and saving data entry time. Because scan forms no longer require large OMR grids—more design space is available on the form.

## Helps Ensure Accuracy

The technologies used in the iNSIGHT 150 system help you meet accuracy standards with the least amount of effort on your part:

- Picture Perfect™ feature - helps ensure that hand and machine print characters are quickly, and accurately interpreted by minimizing the effects of mechanical distortions.
- Image Quality Sentry™ feature - helps avoid the accumulation of inferior quality images.
- Quick Check feature - gives users an easy-to-use pass/fail test that validates the scanner's mechanical integrity.

Unlike other “picture taking” image scanners, both the Picture Perfect and Image Quality Sentry features operate as each sheet is scanned. These features are transparent to the user, and improve the accuracy of data without slowing the scanning process.

## Fast and Productive

The iNSIGHT 150 system gives you the fast processing speed you need, with up to 250 pages per minute, depending on the recognition method you choose. Many tasks are performed during scanning, and as a result, minimizes costly errors and speeds total production time:

- Dynamic Deskew™ and Image Skew Sentinel features reduce the occurrence of sheet skew errors.
- Graybox Search feature option processes only fields that contain data. Or, it can isolate forms that are missing critical fields, such as a signature.

- Optical character recognition (OCR) increases data productivity by reading pre-printed characters while scanning in real time. This avoids the need for pre-slugging data and saves valuable space on the form.

## Compatible with Popular Software Applications

Included with every iNSIGHT 150 system is ScanTools® Plus utility software for developing scannable forms applications. In addition, the system outputs industry standard image formats, which are fully compatible with most archival/retrieval systems and software applications. ScanTools Plus software verifies booklet identification and sheet sequence as each sheet passes through the scanner— another fail-safe to help ensure that the highest quality data is captured.

## Choose from a Variety of Data Collection Methods

With the iNSIGHT 150 system, you choose the methods of data collection that best meet your needs:

- 16-level OMR mark discrimination evaluates the relative darkness of OMR “bubble” responses and discriminates between smudges and erasures and valid marks
- Mark sense read (X, check and tick marks)
- Hand print and machine print characters interpreted and converted to ASCII data
- Bar code
- Graybox Search (there/not there)
- Key from image (for open-ended responses)

- Score from image (essays)
- Grayscale image capture for viewing drawings, photographs, and signatures
- Dropout colors to enable both pencil and ink read capabilities

## Installation, Maintenance and Support are Nearby

We provide nationwide, on-site maintenance from many locations.

Our experienced support organization provides professional services:

- System design, integration, implementation
- Custom programming
- User and system training
- On-site maintenance
- Software support

CONTACT US AT 800.447.3269 TO FIND OUT HOW THE iNSIGHT 150 SYSTEM CAN MEET YOUR CRITICAL APPLICATION NEEDS.

Please visit us at [www.scantron.com](http://www.scantron.com) for a complete overview of iNSIGHT system requirements or call us at 1-800-SCANTRON for more information.

© 2008 Scantron Corporation. All rights reserved. Scantron and the Scantron logo are registered trademarks. P/N 203-913-009

SCANTRON®