

SD3

The Latest Generation in Scanning Densitometers



The **TOBIAS SD3 Newspaper Scanning Densitometer** is a graybar scanning densitometer for the newspaper and insert printing industries. The system provides press operators with data for making ink adjustments, checking color balance, and determining inking consistency throughout the newspaper press run. Built-in reporting logs detail advertising reproduction consistency and preventive maintenance needs.

Flexible control bar configuration ▶
for both Broadsheet and Tabloid



Graybar on tail of sheet



Graybar in Tabloid margin

- New TouchScreen technology
- Reads bars as thin as 1/16" (1.6mm)
- Vacuum Hold-down
- Pass sheet through for Tabloid bars
- 10 second scanning
- Extensive Managerial Report Generation



General Features:

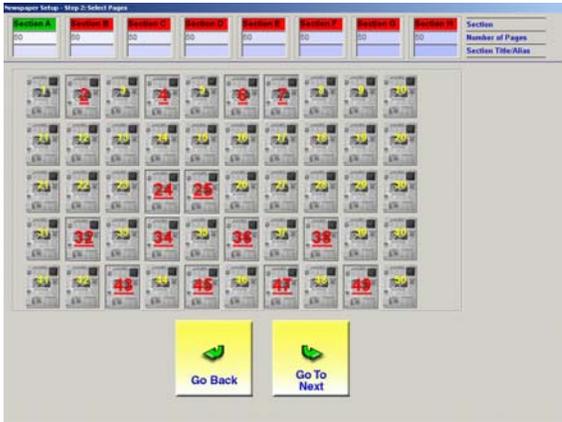
- 15" Touch Screen monitor
- Reads bars as thin as 1/16" (1.6mm)
- Up to 50 pages for each Section
- Displays CMY balance and densities, as well as K(black) densities
- Reads graybar(3/C) and any combination of CMY tinted bars

Results Display:

- Displays both target and measured CMYK values for all ink zones
- Bar graphs of color results show color balance of CMY for gray bars and other color combinations
- Easy-to-read data: Bar graphs of ink density are displayed in their matching colors
- Windows operating system allows for output to any printer
- Network-ready for central job configuration and data collection, one scanner can support multiple workstations

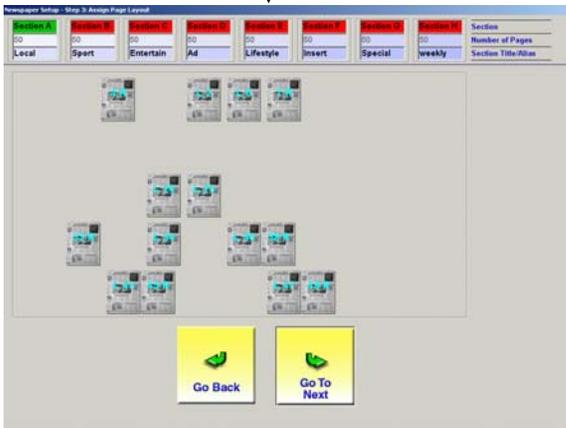
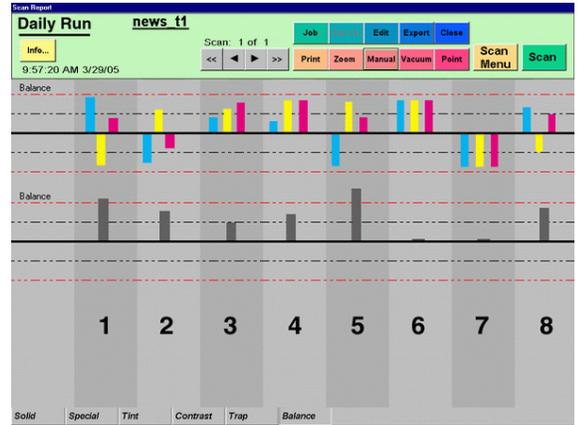
Additional Tobias SD3 System Features:

- Job Summary for CMYK for each ink zone shows production consistency
- Histogram shows conformance to specification for one or a group of press runs (available in optional SD3-QC package)
- Zero to current sample data for matching advertising results or other visual matches
- Reads Control bars as narrow as 1/16"(1.6mm)
- Export data to common office and statistical applications



◀ **STEP 1 - Operator simply uses Tobias Touchscreen to name sections/pages that include graybar. The data for this page is now tagged for later retrieval in report package or statistical graphing.**

Colored Bars for CMY ▶ show balance between CMY densities. Both ink density and color balance are critical to quality color reproduction.



◀ **STEP 2 - Simply drag pages together that are double page spreads (pages where there is a gray bar on each page.**

Generates histogram ▶ reports to compare materials, page positions, sections or consistency between press runs.



The Tobias SD3 Scanning Densitometer is also capable of reading conventional CMYK colorbars. The SD3 can read solids, dot gain, traps, balance, hue error, grayness, contrast and paper base on bars as large as 65" (1650mm).

The Tobias SD3 Remote Station allows a single scanning system to be used with two or more color setting workstations. The optional Tobias SD3-QC Quality Control Station allows central configuration of job setups and report generation via local area network connection.