

Specifications

The Latest Generation in Scanning Densitometers

TOBIAS ASSOCIATES, INC.



**Easy to read
15" TouchScreen**



**Simple & Logical
Presentation**



**Capable of reading Colorbars
as narrow as 1/16" (1.6mm)**

Features:

- Touch Screen operation with Windows® based software displays easy to understand icons
- Reads most commercially available colorbars as well as many custom-made colorbars and gray balance bars.
- Built-in certified calibration plaque allows for automatic calibration to Standard T-Ref or Status "E" values
- Customer can assign ink density "target values" from either house densities or customer "OK"
- Allows for multiple unit networking capability
- Supports "closed loop operation" with many automatic press consoles
- Generates complete sets of reports for quality control departments
- Measures colorbars as narrow in height as 1/16" (1.6mm) using patented "Seek & Find" software program
- Scans 40" colorbars in less than 10 seconds

Measurement Functions ---

Density, Density Difference, Dot Gain, Trap, Contrast, Hue Error, Grayness

Design----

Scan Length	
SD3 -20	20" (508mm)
SD3 -26	26" (660mm)
SD3 -30	30" (762mm)
SD3 -40	40" (1016mm)
SD3 -55	55" (1397mm)
SD3 -65	65" (1651mm)
Swatches per scan	Unlimited
Measurements per swatch	Multiple
Minimum swatch size	3/16" x 1/16" (4.8 x 1.6mm)
Swatch positioning accuracy	+/- 0.005"
Colors measured	4-color process, unlimited specials
Typical Scan/display time	10 seconds
TouchScreen Display	15" color (1024 x 768 LCD)
Data Storage	Hard Disk, USB available for external components
Power Requirements	115V/60Hz, 7A; 230V/50Hz, 3.5A
Spectral Response	Status "T", Status "E"
Languages available	English, French, German, Spanish, Portuguese (Additional Languages available upon request)

Scanner Dimensions/Weight---

SD3 -20	38x21x8" (965x533x203mm)	30 lbs, 14 kg
SD3 -26	44x21x8" (1117x533x203mm)	35 lbs, 16 kg
SD3 -30	48x21x8" (1219x533x203mm)	40 lbs, 18 kg
SD3 -40	58x21x8" (1473x533x203mm)	50 lbs, 23 kg
SD3 -55	73x21x8" (1854x533x203mm)	80 lbs, 36 kg
SD3 -65	83x21x8" (2108x533x203mm)	90 lbs, 41 kg

Standard Accessories ---

Built-in Ceramic Calibration Plaque
Instruction Manual
Tool Kit

Optional Accessories ---

Printer (Thermal) Tobias Hi-Speed Thermal
Colorbar Digital Set on Disk

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