

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		
SDS-20		20" (508mm)
SDS-26		26" (660mm)
SDS-30		30" (762mm)
SDS-40		40" (1016mm)
SDS-55		55" (1397mm)
SDS-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 ---

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