Howtek ScanMaster 7500 Technical Information

Physical Characteristics

Dimensions and Weight

	Scanner (without pallet)	Scanner (with pallet)
Width:	51.5" (1.31 m)	60.0" (1.53 m)
Height:	14" (356 mm)	28.0" (711 mm)
Depth:	21.5" (546 mm)	28.0" (711 mm)
Weight (max.):	160 lbs (72.5 kg)	250 lbs (113.3 kg)

Scanner Type

Interchangeable drum, photomultiplier tubes (PMT): RGB, CMYK, grayscale, and black and white scanning system.

Light Source

Two tungsten halogen reflector lamps.

Color Separation

Three PMT sensors (red, green, blue) with dichroic beam splitters and interference filters.

Focus Control

Automatic and host-based interactive controls.

Interface

SCSI-2 Fast.

Electrical Characteristics

Power Supply

90–132 VAC (47–63 Hz).
180–264 VAC (47–63 Hz).

Power Consumption

Maximum: 500 W.
Operating: 380 W.
Standby: 150 W.

Environmental Requirements

Temperature

Operation: 65 to 75°F (18 to 24°C).
Shipping or storage: –30 to 160°F (–34 to 71°C).

Relative Humidity

Operation: 40–60%.
Shipping or Storage: 10–95%.

Scanning Characteristics

Spatial Resolution

User selectable from 50 to 5000 dpi.

A/D Conversion

12 bits per color; 4096 levels of gray.

Data Conversion

Linear and logarithmic.

Drum Speed

600 to 1600 rpm.

Effective Scanning Area

Large drum: 23.38" x 18.38" (594 x 467 mm).
Small drum: 11.38" x 18.38" (289 x 467 mm).

Image Types

Reflective and transparent copy (positive and negative).

Scanning Modes

Color or grayscale (8 or 12 valid bits per pixel, giving 256 or 4096 colors or levels of gray) and binary (for line art or halftones).

Field Stops (Aperture)

Fourteen.

Approvals

Safety

UL: 1950.
CSA: C22.2 No. 950.
TÜV: EN60950.

Emissions

FCC part 15 Class A.
CISPR 22 (EN55022) Class A.

European Community

CE Marking.