



Howtek HiResolve 8000 Technical Information



Physical Characteristics

Dimensions and Weight

	Scanner (without pallet)	Scanner (with pallet)
Width:	38.0" (95 cm)	46.0" (116.8 cm)
Height:	13.5" (25.8 cm)	24.0" (60.9 cm)
Depth:	20.3" (50.75 cm)	28.0" (71.1 cm)
Weight (max.):	103 lbs (46.7 kg)	160 lbs (86.4 kg)

Scanner Type

Interchangeable drum, photomultiplier tubes (PMT): RGB, 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 manual controls

Interface

SCSI-2

Electrical Characteristics

Power Supply

90–132 VAC (47–63 Hz)

180–264 VAC (47–63 Hz)

Power Consumption

Maximum: 230 W (2 A)

Standby: 50 W

Environmental Requirements

Temperature

Operation: 60 to 90°F (15.5 to 32°C)

Shipping or storage: –30 to 160°F (–34 to 71°C)

Relative Humidity

Operation: 35–85%

Shipping or Storage: 10–95%

Scanning Characteristics

Spatial Resolution

User selectable from 200 to 8000 dpi

A/D Conversion

12 bits per color; 4096 levels of gray

Data Conversion

Linear and logarithmic

Drum Speed

460 to 1600 rpm

Effective Scanning Area

11.5" x 12" (292.1 x 304.8 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)

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Approvals

Safety

UL: 1950
cUL: C22.2 No. 950
UL: EN609050

Emissions

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