

Scitex Dolev 400 Drum Imagesetter



Imaging:

Max Image Area: 25.37" x 19.68" (642 x 500 mm) Minum lenth: 250 mm
Resoltuion: 1524-3556 dpi

Imagesetter Throughput:

Full Pattern size (plot time or recording speed)
 60 pts/mm: 3.2 minutes
 80 pts/mm: 4.3 minutes
 100 pts/mm: 5.3 minutes
 120 pts/mm: 6.4 minutes
 140 pts/mm: 9.3 minutes

Accuracy:

Accuracy: Absolute +/- 0.004 in.
 Relates to absolute pattern dimension. May differ between two images +/- 0.004 in.
 Repeatability: 0.001 in. (+/- 25 microns)
 Relates to a dimension of the same pattern on the same Imagesetter, one after the other, under the same environmental conditions

Film:

Type: Roll red sensitive film
Media: Width 26 in. (660 mm)
Width Tolerance: -.06 in. (-1.6 mm)
Length: 200 ft. (61 m) maximum
Thickness: .004" thick, emulsion out

Technology:

Design: Internal drum
 Raster Imagesetting
Light Source: Red HeNe Laser (632.8 nm) 4 milliwatts
Spot Size: 18 micrometers at 50% intensity

Physical Characteristics:

Size (DxWxH): 23" x 45"x 39" (600 x 1145 x 1000 mm)
Weight: 530 lbs (240 kg)

Electrical Requirements:

Volts: 100/110/120, 200/220/240 VAC +/- 10%
Hz: 50/60 Hz
Phase: Single Phase
VA: Less than 700 VA

Scitex Dolev 450 Drum Imagesetter



Imaging:

Max Image Area: 25.37" x 19.68" (642 x 500 mm) Minum lenth: 250 mm
Resoltuion: 1524-3556 dpi in five steps

Imagesetter Throughput:

Raw imaging speed 186 sq.in./min @ 2540 lines/inch

Accuracy:

Accuracy: Absolute +/- 0.004 in.
 Relates to absolute pattern dimension. May differ between two images +/- 0.004 in.
 Repeatability: 0.001 in. (+/- 25 microns)
 Relates to a dimension of the same pattern on the same Imagesetter, one after the other, under the same environmental conditions

Film:

Type: Roll red sensitive film
Media: Width 26 in. (660 mm)
Width Tolerance: -.06 in. (-1.6 mm)
Length: 200 ft. (61 m) maximum
Thickness: .004" thick, emulsion out

Technology:

Design: Internal drum
 Raster Imagesetting
Light Source: Red HeNe Laser (632.8 nm)
Spot Size: 17 microns, nominal

Physical Characteristics:

Size (DxWxH): 23" x 45"x 39" (600 x 1145 x 1000 mm)
Weight: 530 lbs (240 kg)

Electrical Requirements:

Volts: 100/110/120, 200/220/240 VAC +/- 10%
Hz: 50/60 Hz
Phase: Single Phase
VA: Less than 700 VA