

Vision 300 / 400 Spec Sheet

Ultre Imagesetter Parts at www.rti-rips.com

Once again, Ulte has built an imagesetter with price and performance in mind. The Vision is the first laser diode-based imagesetter to support visible-red film materials. The processing materials used by Vision typically cost up to 15% less than traditional IR film and paper. For the average user, savings can add up to thousands of dollars a year.

	Vision 300	Vision 400
VERTICAL IMAGING		
Addressability	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch, plus custom (field programmable default, controller override). 0.05% cumulative nominal, plus user defined film advance correction (field programmable default, controller override).	
Transport Speed	3000-3.5", 2400-4.3", 2000-5.2", 1600-6.5", 1200-8.7", 1000-10.4" per minute.	
Accuracy	0.05% cumulative nominal, plus user defined film advance correction (field programmable default, controller override).	
HORIZONTAL VIDEO		
Addressability	3000, 2400, 2000, 1600, 1200, 1000. Others available, details in the UlteSetter Interface Specification 100.IS.	
Measure	310mm maximum; 12.2 inches	400mm maximum 15.75 inches
Linearity	0.5 point	0.7 point
REGISTRATION		
Repeatability	±1 mil (.001") typical, ±2 mil maximum	±1.5 mil (.0015") typical, ±2.5 mil maximum
SPOT		
Size	20 micron diameter nominal	30 micron diameter nominal
Power	Level automatically set with resolution selection or controller programmable; operator fine adjustment control for film variations. 250ergs/cm squared maximum available power at the film plane.	
OUTPUT MATERIALS		
Type	Visible Red (670nm) sensitive film, paper and plate materials, .004" through .007" thickness.	
Supply	Spec 175 dispenser box or bulk load rolls using the Bulk Load Cassette	

Output Cassette	30 feet recommended maximum capacity, reduced capacity with .007" material
Bulk Load Cassette	310 mm, 355 mm or 400 mm widths (12.2", 14" or 15.75"); 30 meter (100 feet) capacity

MACHINE CONTROLS

Liquid Crystal Display	Provides status and diagnostic information
Film Cutter	Motorized only; locally operated or under host control.
Leader	User selectable; activated manually or by controller

INTERFACE

Voltage	Serial video interface (similar to Canon LBP-CX), details in the UlteSetter Interface Specification 100.IS. Single line buffer filled by an external clock or by the 15 Mhz clock provided. Also see Interface Options below.
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GENERAL

Size	11.5" wide x 21.25" deep x 28" high 11.5" wide x 24.5" deep x 29" high
Power	90-130~ and 180-260~, autoranging; 47-63 Hz; 250W operating maximum
Standards & Regulations	ETL listed (UL 1950), TUV licensed (EN 60950 and IEC 825), CSA certified (C22.2 No. 220) FCC (Part 15, Sub B, Class A), CDRH (complies with 21 CFR 1040.10 & 1040.11)
Operating Temperature	65°F to 85°F
Operating Humidity	45% to 85%, non-condensing

INTERFACE OPTIONS

MacII Interface Board	Resides internal to the host system; refer to the MacII Interface Specification 800.IS.
PC/AT Interface Board	Resides internal to the host system; refer to the PC Interface Specification 850.IS.
PCI Interface Board	Resides internal to the hose system (PowerMacintosh and PC support); refer to the PCI Interface Specification 1968.IS.

Visit www.rti-rips.com for information on parts or questions concerning this and other Ulte Imagesetters. Order parts at parts@rti-rips.com or call (941) 925-1303 Ext. 103 for more information.