



Ultrasetter 72E / 94E Spec Sheet

Ultr Imagesetter Parts at www.rti-rips.com

When the Ultrasetter was introduced in 1985, it transformed the prepress industry. Suddenly, the quality and capabilities of large, high-priced machines were accessible to buyers with less space--and smaller budgets. And imagesetters had to measure up to a new standard.

While the rest of the industry played catch-up, Ultr upped the ante, with the Ultrasetter "E". The next generation of Ultrasetter, the Ultrasetter "E" has an imaging speed of nearly nine inches per minute (at 1200 dpi). *Plus* full color capability--another Ultr breakthrough.

But we've made no compromises for the sake of speed. The Ultrasetter "E" boasts remarkable output quality--producing four-color separations, with incredibly precise registration. And of course, the "E" also lives up to Ultr's unrivaled reputation for reliability.

	Ultr 72E	Ultr 94E
VERTICAL IMAGING		
Resolutions	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch, plus Custom (field programmable default , controller override)	
Imaging Speed	3000-3.5", 2400-4.3", 2000-5.2", 1600-6.5", 1200-8.7", 1000-10.4", 800-13", 600-17.3"	
Accuracy	0.05% cumulative nominal, plus user defined Film Advance Correction (field programmable default, controller override)	
HORIZONTAL VIDEO		
Resolutions	3000, 2400, 2000, 1600, 1200, 1000, 800, 600 rasters per inch. Others available, details in the <i>Ultrasetter Interface Specification 100.IS</i>	
Imaging Width	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 max	±1.5 mil (.0015") typical, 2.5 mil max

SPOT

Size	20 micron diameter nominal; 50 microns below 1000 dpi 250 ergs/sq cm at film plane max	30 micron diameter nominal; 60 microns below 1000 dpi 185 ergs/sq cm at film plane max
Power	Level automatically set with resolution selection, or controller programmable, plus operator fine adjustment control for film variations	

OUTPUT MATERIALS

Compatible Films	IR sensitive film, paper and plate materials, .004" through .007" thickness	
Supply	Spec 175 dispenser box (305 mm) or bulk load rolls using the Bulk Load Cassette	
Output Cassette	Maximum capacity of 30 feet	
Bulk Load Cassette	310 mm, 355 mm or 400 mm wide (compatible with narrower materials); 30M 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.

GENERAL

Size	11.5" wide x 21.25" deep x 28" high	11.5" wide x 24.75" deep x 29" high
Power	90-130~ and 180-260~, autoranging; 47-63 Hz; 250 watts operating max	
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	

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.