



Ultrre 5400 Spec Sheet

Ultrre Imagesetter Parts at www.rti-rips.com

Ultrre introduces another milestone in imagesetting: the Ultrre 5400. The new top-of-the-Ultrre-line is the cost-effective way to produce professional-quality output. The Ultrre 5400 offers exceptional speed, repeatability and reliability.

The 5400 images faster, even up to twice as fast as its predecessor. With better registration and resolutions as high as 3386 dpi for 200-line screens. So it's output quality is comparable to small drum recorders, while offering format flexibility and greater affordability.

The Ultrre 5400 is also easier to use, thanks to a redesigned film loading path and more convenient cassette configuration. Its online processor capable and FM Screening ready. With a sealed optics housing for trouble-free operation.

The Ultrre 5400 supports media widths from 203 to 406mm, so it's capable of handling most any job. And its choice of punch format options saves time and steps, while delivering punched, plate ready film.

VERTICAL IMAGING

Resolutions	3386, 3000, 2540, 2032, 2000, 1692, 1600, 1200, 1016, 1000 rasters per inch.
Imaging Speed	1000-25.4", 1200-22.1", 1600-16.6", 2000-12.7", 2400-11.0", 3000-7.1", 3386-5.5" per min.
Accuracy	0.05% typical, adjustable in 0.05% increments.

HORIZONTAL VIDEO

Resolutions	3386, 3000, 2540, 2400, 2032, 2000, 1692, 1600, 1200, 1000 rasters per inch.
Imaging Width	406mm maximum; 16 inches
Linearity	8 mils (.20mm)

REGISTRATION

Repeatability	±1 mil (.001", 25 microns) typical, 1.5 mil (40 microns) max
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SPOT

Type	Visible red laser diode, 670 nm wavelength.
Size	19 micron diameter nominal in scan; 25 microns nominal cross scan
Power	Level automatically set with resolution selection, or controller programmable, plus operator fine adjustment control for film variations

OUTPUT MATERIALS

Type	Visible red (670 nm) sensitive film, paper and direct plate-making (printing foils) imagesetting materials, .004" through .007" (0.10mm-0.19mm) thickness.
Supply	Bulk or daylight load rolls with 2" core (50.4mm) emulsion in.
Output Cassette	30 feet (10 meter) recommended maximum capacity.
Bulk Load Cassette	Adjustable widths from 16"-8"; 250 feet (75 meter) capacity.

MACHINE CONTROLS

User Control Panel	Provides operator control over setup parameters and density. Status information is shown during normal operation: diagnostic information optionally available.
Film Cutter	Motorized only; locally operated or under host control.
Leader	User selectable; activated manually or by controller.

INTERFACE

Standard	SCSI II compatible with 4MB data buffer, details in the Ultrasetter Interface Specification 1200.IS. Optional 8, 16, 32 and 64 data buffers available.
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OPTIONS

Registration Punch	Registration punch available in various formats.
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GENERAL

Size	28.3" W x 25" D x 35.2" H (720 mm W x 635 D x 970 mm H)
Power	90-130~ and 180-260~, autoranging; 47-63 Hz; 500 watts operating max
Weight	280 lbs. (130kg)
Standards & Regulations	UL (1950), CE (EN 50082-1, EN 55022, EN 60950), CSA (CSA 22.2 No. 950), FCC (Part 15, Sub B, Class A), CDRH (21 CFR part 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 Ultrasetters. Order parts at parts@rti-rips.com or call (941) 925-1303 Ext. 103 for more information.