

COMPUTER-TO-PLATE SOLUTIONS - PLATESETTERS (ctd)

:Avalon LF Violet Next generation of quality and efficiency-driven plate production

Violet gives higher throughput for a given price. The new :Avalon LF Violet incorporates Violet technology into state-of-the-art platesetter. It uses a variation of Agfa's HD imager found in the :Avalon thermal engines with a proprietary imaging technique to provide the high image contrast needed for high-speed violet plates.

The :Avalon LF Violet is available in a manual plate-loading, semi-automatic configuration and optionally with single-cassette and multi-cassette full automation. Violet technology offers you the lowest cost of ownership due to low cost and very high reliability of violet lasers.



S XTPLUS	
> Imaging system	400 nm Violet Diode with Grating Light Valve™ (GLV)
> Minimum plate size Avalon LF Engine manual load PlateManager JLA	250*mm x 310 mm (9.8" x 12.2") 380**mm x 310 mm (14.9 x 12.2") 250*mm x 310 mm (9.8" x 12.2")
* 250 mm is the lead edge and 310mm is around the drum, other processor restrictions may apply. ** 380 mm is the lead edge and 310 mm is around the drum, other processor restrictions may apply. 250 x 310 mm is also available as option with PlateManager (for smaller plates please contact factory)	
> Maximum plate size Avalon LF Engine manual load PlateManager JLA	1160**mm x 820 mm (45.7" x 32.2") 1130mm x 820mm (44.5" x 32.2") 1130mm x 820mm (44.5" x 32.2")
** 1130mm when used with optional internal punching.	
> Plate thickness	0.15 – 0.40 mm (0.006 – 0.016")
> Plate loading	Manual continuous loading or Automatic using JLA (single cassette) or PlateManager
> Unloading	Manual or automatic to online processor
> Resolutions	1200 and 2400 dpi
> Dimensions	2360 x 990 x 1770 mm (93" x 39" x 70 ")
> Screening levels	Lithostar Ultra LAP-V Up to and including 200 :ABS, :Sublima 240 lpi :N91v Up to and including 175 :ABS
> Plates per hour^(*) :Lithostar Ultra LAP-V :N91v	20 40 20 20
> Approved plates:	Agfa's :Lithostar Ultra LAP-V and :N91v. Other Violet sensitive plates. Contact your local Agfa representative for more information.

^(*) 1030mm x 800mm (40.5" x 31.5" plate)