

EXTERNAL DRUM TECHNOLOGY PRODUCTIVITY

Lüscher (Internal drum with external drum laser travel)		Media Size				Manufacturers Speed Rating (incl.cycle time)																
Model	Comments	Axis Inches		Circumference Inches		Plate Width	Plates Per Hour - (A)				Linear Inches Per Minute @ 2400											
		Max.	Min.	Max.	Min.		32	64	128	Diodes	32	64	128	Diodes								
Thermal 830 nm Models																						
Xpose! 75		29.9	15.0	25.6	9.8	29	10.0							4.8								
Xpose! 80		31.5	20.4	25.6	14.1	31	6.4							3.3								
Xpose! 120		43.3	20.4	35.4	14.1	43	8.6	12.5						6.1	9.4							
Xpose! 130		44.5	19.7	37.4	14.1	44		12.3						9.0								
Xpose! 160	(B)	66.9	20.4	53.9	14.1	66	4.7	7.1	12.0					5.1	7.8	22.0						
Xpose! 180		80.0	25.6	58.5	19.6	80	2.7	4.5						3.6	6.0							
Xpose! 190		74.8	23.8	58.4	16.1	74		5.5	9.1					6.7	11.2							
Xpose! 190 L		81.9	25.7	63.0	16.1	81		5.1	8.5					6.7	11.2							
Xpose! 190 XL		89.0	25.7	63.0	16.1	89		4.5	7.6					6.7	11.2							
Conventional Plate - Visible Light - 405 nm																						
							Speed with 100 mj/cm2 plates - ©															
Xpose! 230 UV		44.4	16.9	37.4	14.1	44	8.0	14.5	23.7					5.8	10.6	17.3						
Xpose! 260 UV		66.1	21.2	53.9	14.9	66		7.1	13.0					7.8	14.3							
Xpose! 290 UV		74.8	23.8	58.4	16.1	74		5.5	9.1					6.7	11.2							
Xpose! 290 L UV		81.9	25.7	63.0	16.1	81		5.1	8.5					6.7	11.2							
Xpose! 290 XL UV		89.0	25.7	63.0	16.1	89		4.5	7.6					6.7	11.2							
Convention Plate - Visible Light 405 nm																						
							Speed with 75 mj/cm2 plates - ©															
Xpose! 230 UV		44.4	16.9	37.4	14.1	44	10.5	18.0	28.6					7.7	13.2	21.0						
Xpose! 260 UV		66.1	21.2	53.9	14.9	66		9.3	16.0					10.2	17.6							
Xpose! 290 UV		74.8	23.8	58.4	16.1	74		7.0	12.0					8.6	14.8							
Convention Plate - Visible Light 405 nm																						
							Speed with 50 mj/cm2 plates - ©															
Xpose! 230 UV		44.4	16.9	37.4	14.1	44	14.0	23.5	35.0					10.2	17.2	25.7						
Xpose! 260 UV		66.1	21.2	53.9	14.9	66		13.0	21.0					14.3	23.1							
Xpose! 290 UV		74.8	23.8	58.4	16.1	74		9.8	15.5					12.1	19.5							
(A): Plates per hour were determined by adding an estimated allowance of 1.5 minutes for the combined machine cycling and manual load/unload time to the Luscher published laser expose time to obtain the minutes per plate for calculating plates per hour.																						
(B): Plates per hour for the 128 diode models are from a Luscher press release dated 4-4-04.																						
(C): Specific plates available for each of these sensitivity ratings can be found on page 9.																						