
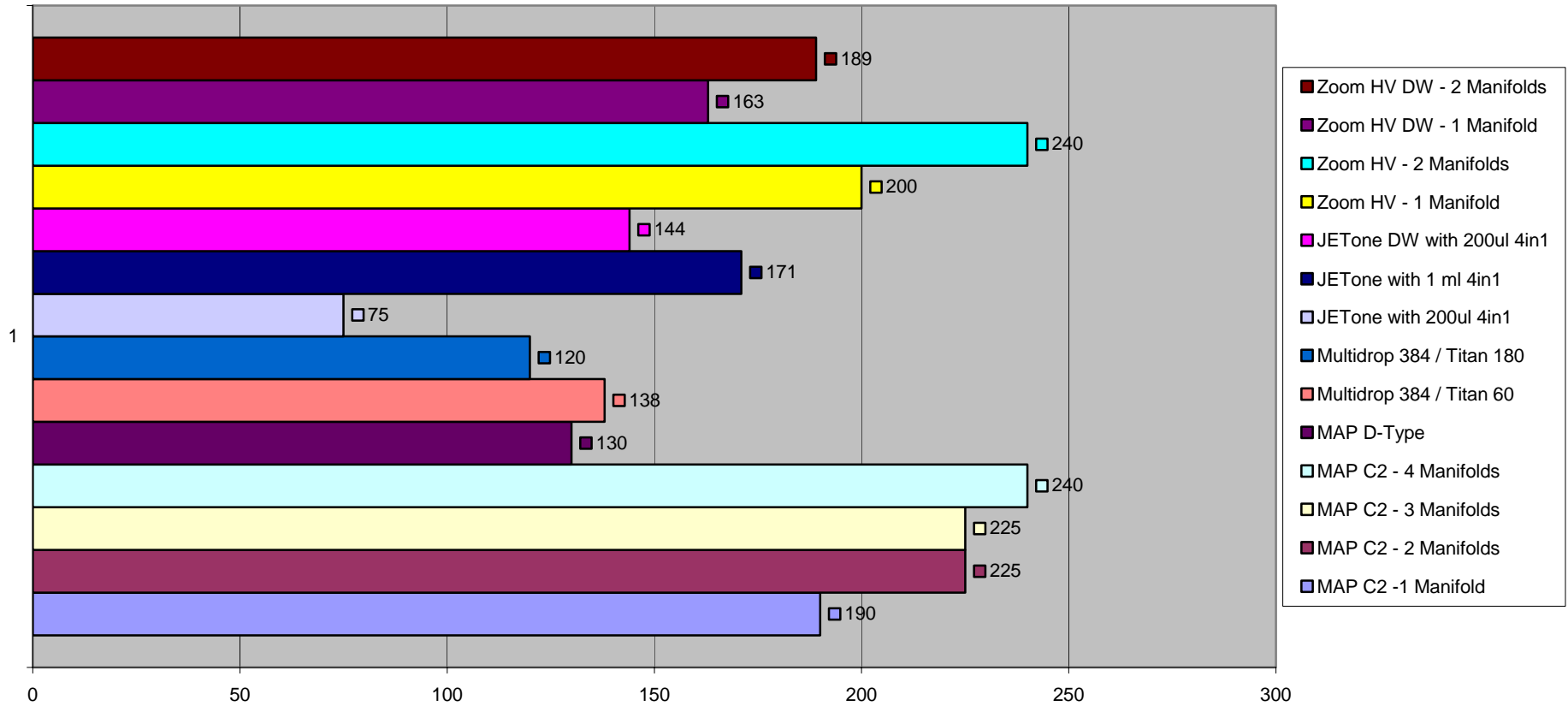


96 Well Plates – Dispensing Throughput Table

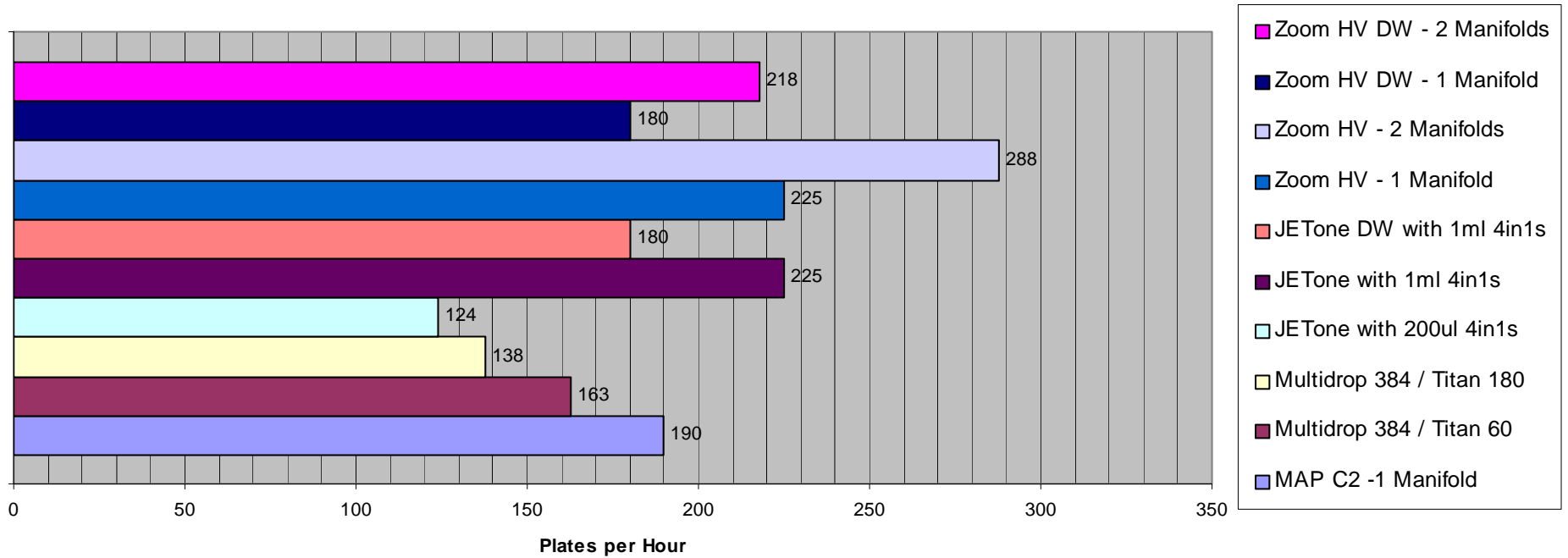
 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	Dispense 300µl 1 - 8 tip manifold	Dispense 100µl 1 - 8 tip manifold	Dispense 100µl 2 - 8 tip manifold	Dispense 100µl 4in1 syringes	Dispense 50µl 1 - 8 tip manifold	Dispense 50µl 4in1 syringes	1 st Digiflex - Dispense 100µl 3 - 8 tip manifold	1 st Digiflex - Dispense 100µl 4 - 8 tip manifold	Dispense 100µl 96 well head	Deep Well Plates Dispense 1ml 2 - 8 tip manifolds
MAP C2 - Column System	113 (32)	190 (19)	225 (16)		200 (18)		225 (16)	240 (15)		
MAP C2 - Quadrant System									300 (12)	
MAP D-Type		130 (28)								
Multidrop 384 / Titan 60 Stacker 96 well plate mode	88 (41)	138 (26)			163 (22)					
Multidrop 384 / Titan 180 Stacker 96 well plate mode	80 (45)	120 (30)			138 (26)					
Multidrop Micro / Titan 60 Stacker 96 well plate mode					156 (23)					
JETone with 200 µl 4in1s 96 well plate mode				75 (48)		124 (29)				
JETone with 1 ml 4in1s 96 well plate mode				171 (21)		225 (16)				
Zoom HV 96 well plate mode	120 (30)	200 (18)	240 (15)		225 (16)					
Zoom HV Deep Well 96 well plate mode	105 (34)	163 (22)	189 (19)		180 (20)					80 (45)
M384 Atlas / Titan 60 Stacker 96 well plate mode									113 (32)	

96 Well Plates – Throughput Chart – Dispense 100µl




96 Well Plates – Throughput Chart – Dispense 50µl


Throughput 50ul Dispense




96 Well Plates – 4in1 Syringe Throughput Table

 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	Dispense 100µl 1 pair 4in1 syringes	Dispense 50µl 1 pair 4in1 1ml syringes	Dispense 5µl 1 pair 4in1 1ml syringes	Dispense 50µl 1 pair 4in1 200µl syringes	Dispense 5µl 1 pair 4in1 200µl syringes
MAP C2 - Column System	150 (24)				
MAP C2 - Quadrant System					
MAP D-Type	116 (31)		133 (27)		
JETone with 200 µl 4in1s 96 well plate mode	75 (48)			124 (29)	257 (14)
JETone with 1 ml 4in1s 96 well plate mode	171 (21)	225 (16)	240 (15)		


96 Well Plates – Plate Washing Throughput Table

 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	Aspirate 96 well head	Wash 96 3 cycles @ 300µl	Wash 96 3 cycles @ 300µl Dispense 50µl 1 - manifold	Wash / Aspirate 1 column – 3x @ 300µl	1 st Digiflex – 4 column wash 3 cycles @ 300µl – Asp? Y
MAP C2 - Column System				40 (90)	98 (37)
MAP C2 - Quadrant System	360 (10)	150 (24)			
MAP D-Type	180 (20)	105 (34)	92 (39)		
Zoom ZW Washer 96 well plate mode		140 (26)	100 (36)		
M384 Atlas / Titan 60 Stacker 96 well plate mode	113 (32)	69 (52)			


96 Well Plates – Plate Sealing Throughput Table

 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	2 second seal time Standard size plates	2 second seal time Deep Well plates
ALPS plate sealer / Titan 60 Stacker	133 (27)	109 (33)

96 Well Plates – Plate Stacking Throughput Table

 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	Get Plate > Place Plate Return to Output Magazin
Titan 60 Stacker Standard model with P3	225 (16)
Titan 180 Stacker Standard model with P3	180 (20)

96 Well Plates – Plate Reading Throughput Table

 96 Well Plates Throughput Plates per Hour (Seconds per Plate)	96 well plates Continuous read
Multiskan Ascent / Titan 60 Stacker	97 (37)
Product Comparison <i>Multiskan Ascent / Zymark "Twister"</i>	34 (105)