
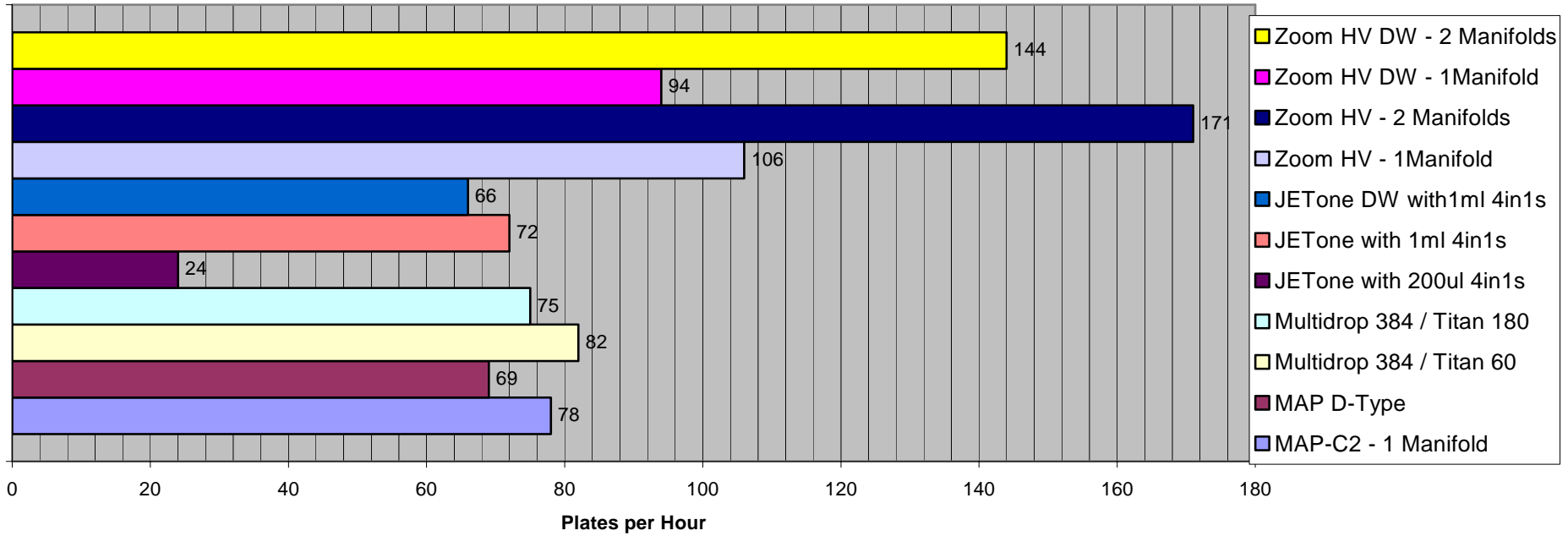


**384 Well Plates – Dispensing Throughput Table**

 <b>384 Well Plates Throughput Plates per Hour (Seconds per Plate)</b>	Dispense 100µl 1 - 8 tip manifold	Dispense 70µl 1 - 8 tip manifold	Dispense 70µl 2 - 8 tip manifold	Dispense 70µl 4in1 syringes	Dispense 70µl 1 - 16 tip manifold	Dispense Quadrant 70µl 96 well head	Dispense 50µl 1 - 8 tip manifold	Dispense 25µl 1 - 8 tip manifold	Dispense 5µl 1 - 8 tip manifold	Dispense 5µl 2 - 8 tip manifold	Dispense 5µl 4in1 syringes	Dispense 1µl 1 - 8 tip manifold
MAP C2 - Column System	69 (52)	78 (46)			100 (36)		81 (44)	103 (35)				
MAP C2 - Quadrant System	69 (52)	78 (46)				240 (15)	81 (44)	103 (35)				
MAP D-Type		69 (52)			83 (43)	133 (27)						
Multidrop 384 / Titan 60 Stacker 384 well plate mode	68 (53)	82 (44)					92 (38)	116 (31)	150 (24)			
Multidrop 384 / Titan 180 Stacker 384 well plate mode	63 (57)	75 (48)					85 (42)	102 (35)	128 (28)			
Multidrop Micro / Titan 60 Stacker 384 well plate mode									171 (21)			130 (28)
JETone with 200 µl 4in1s 384 well plate mode				24 (146)							94 (38)	
JETone with 1 ml 4in1s 384 well plate mode				72 (50)							120 (30)	
Zoom HV 384 well plate mode		106 (34)	171 (21)						190 (19)	257 (14)		
Zoom HV Deep Well 384 well plate mode		94 (38)	144 (25)						156 (23)	200 (18)		

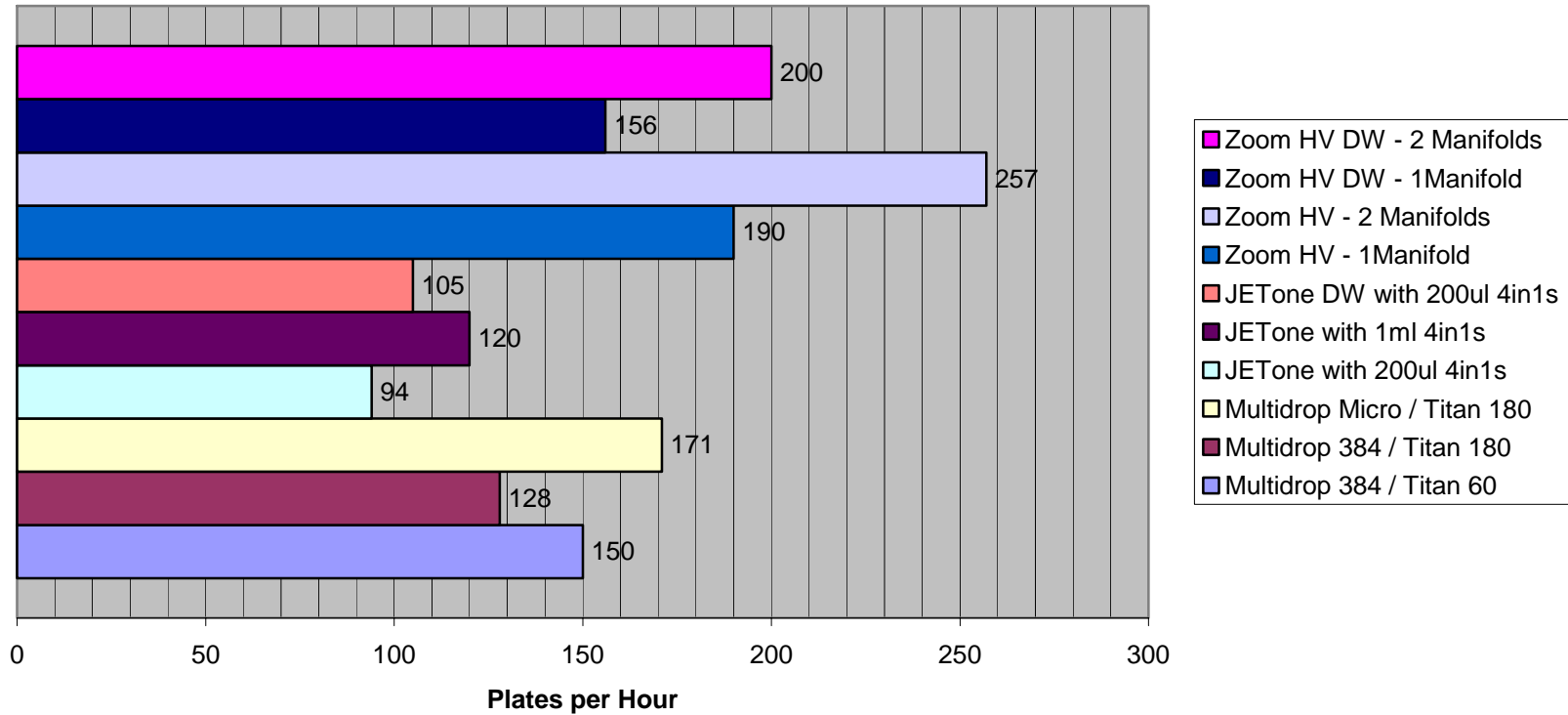
**384 Well Plates – Throughput Chart – Dispense 70µl**

Throughput - 70ul Dispense




**384 Well Plates – Throughput Chart – Dispense 5µl**


**Throughput - 5ul Dispense**




384 Well Plates – 4in1 Syringe Throughput Table

 <b>384 Well Plates Throughput Plates per Hour (Seconds per Plate)</b>	Dispense 100µl 4in1 – 1ml Syringe	Dispense 70µl 1 pair 4in1 – 1ml Syringe	Dispense 70µl 2 pair 4in1 – 1ml Syringe	Dispense 70µl 4in1 – 200µl Syringe	1 <sup>st</sup> Digiflex Dispense 50 µl 384_Displ6M 4 manifolds	Dispense 10µl 4in1 – 1ml Syringe	Dispense @ Z - 5µl 4in1 – 1ml Syringe	Dispense 5µl 4in1 – 200µl Syringe
MAP C2 - Column System	60 (60)	69 (52)		25 (144)	212 (17)	100 (36)	83 (43)	95 (38)
MAP D-Type		60 (60)	85 (42)		130 (28)			
JET <sup>one</sup> with 200 µl 4in1s 384 well plate mode				24 (146)				95 (38)
JET <sup>one</sup> with 1 ml 4in1s 384 well plate mode		72 (50)					120 (30)	


**384 Well Plates – Plate Washing Throughput Table**

 <b>384 Well Plates Throughput Plates per Hour (Seconds per Plate)</b>	Aspirate 96 well head	Wash Quadrant 3 cycles @ 70µl	Wash Quadrant 3x @ 70µl With 30µl dispense
<b>MAP C2 - Quadrant System</b>	300 (12)	92 (39)	60 (60)
<b>MAP D-Type</b>	171 (21)	74 (49)	50 (72)
<b>Zoom ZW Washer 96 well plate mode</b>	333 (10.8)	78 (46)	55 (65)
<b>M384 Atlas / Titan 60 Stacker 96 well plate mode</b>	65 (55)	30 (120)	
<b>Product Comparison Biotek Washer / "Plate Crane"</b>		20 (180)	

**384 Well Plates – Plate Reading Throughput Table**

 <b>384 Well Plates Throughput Plates per Hour (Seconds per Plate)</b>	384 well plates Continuous read
Multiskan Ascent / Titan 60 Stacker	69 (52)

**384 Well Plates – Plate Stacking Throughput Table**

 <b>384 Well Plates Throughput Plates per Hour (Seconds per Plate)</b>	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)