

Liquid Handling Automation of the MD100

Positions X, Y, Z of the openings of the MD100

The Xpress Micro Dialyzer MD100 is suitable for automation with liquid handling devices. The positioning data below are helpful for positioning and programming of liquid handling devices for the usage of the MD100. The coordinates X;Y;Z are related to the foot of the deep well plate (fig. 1) and the openings of pipetting of the MD100 (fig. 2-3).

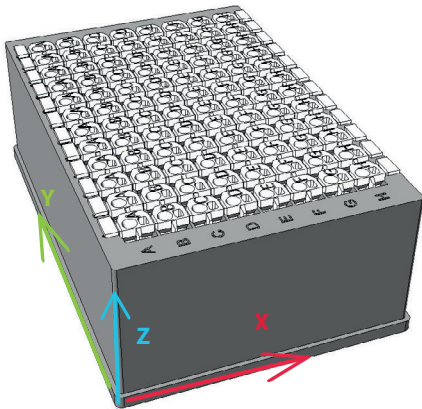


Figure 1: Positions X, Y, Z are measured from the foot of the Deep Well Plate

Pos. X	in mm		Pos. X	in mm	
A	9,38	A1	E	45,25	E1
	12,94	A2		48,83	E2
B	18,31	B1	F	54,20	F1
	21,88	B2		57,78	F2
C	27,28	C1	G	63,17	G1
	30,84	C2		66,74	G2
D	36,21	D1	H	72,10	H1
	39,79	D2		75,61	H2

Pos. Y	1	2	3	4	5	6	7	8	9	10	11	12
mm	14,22	23,22	32,17	41,17	50,17	59,16	68,21	77,25	86,24	95,19	104,19	113,22

Mean High Pos. Z
41,87 mm

Figure 2: Positions Z are measured from the bottom of the conical opening

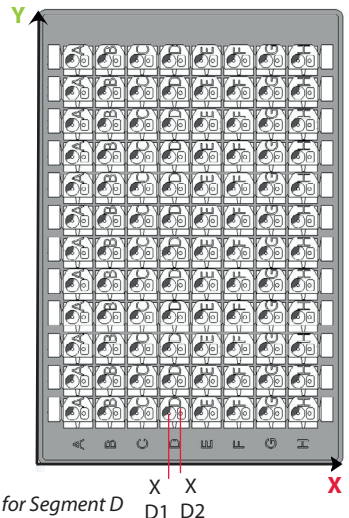
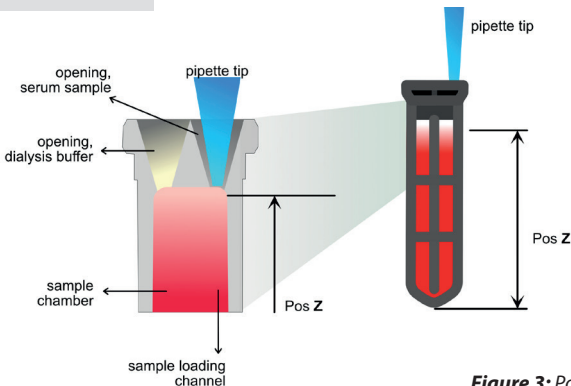


Figure 3: Positions Y for Segment D