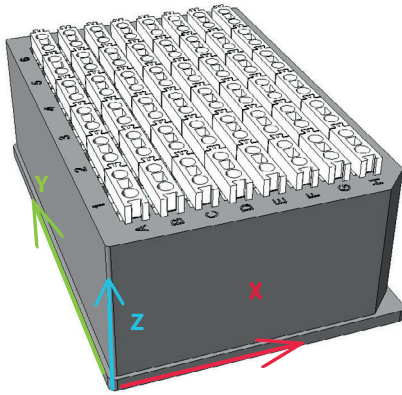


Liquid Handling Automation of the MD1000

Positions X, Y, Z of the openings of the MD1000

The Xpress Mini Dialyzer MD1000 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 MD1000. The coordinates X;Y;Z are related to the foot of the deep well plate (fig. 1) and the openings for pipetting of the MD1000 (fig. 2-3).



Pos. Y	in mm		Pos. Y	in mm	
1	113,5	1.1	4	58,9	4.1
	104,4	1.2		49,83	4.2
2	95,27	2.2	5	40,72	5.1
	86,21	2.2		31,67	5.2
3	77,08	3.1	6	22,52	6.1
	68,02	3.2		13,46	6.2

Mean High Pos. Z
43,37 mm

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

Pos. X	A	B	C	D	E	F	G	H
mm	10,59	19,69	28,79	37,88	46,99	56,09	65,17	74,23

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

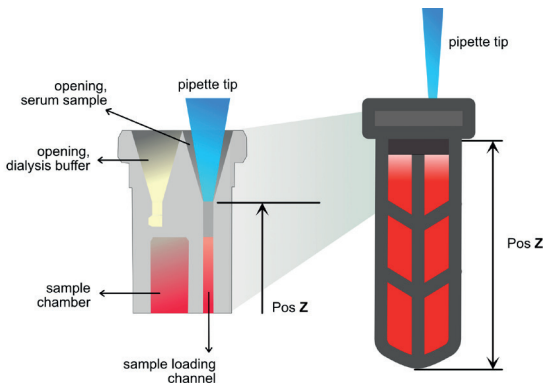


Figure 3: Positions Y for Segment 3

