

Full List of default DMA plates used for I-DOT Mini AQ Edition

Product #	Numer of spots	Well Grid Structure		A1 coordinates in DMA slide adapter (pos.1)*		Well to well Pitch	Spot Size	Shape	A1 coordinates on the DMA slide*		Vmax for printing of liquids**			
		Rows	Columns	X (µm)	Y (µm)				X (µm)	Y (µm)	aqueous solutions on type "np" (nL)	aqueous solutions on type "dd" (nL)	DMEM on type "dd" (nL)	low surface tension liquids on type "dd" (nL)***
101	168	24	7	13885	8235	3000	Square: width x length (µm) Round: d (µm)	square	3250	4180	5000	4500	4000	1000
102	672	48	14	14693	6525	1500	1000 x 1000	square	3250	3200	400	250	200	100
103	1152	64	18	13650	1070	1125	900 x 900	square	3100	2600	150	125	100	50
104	1512	72	21	13900	6767	990	660 x 660	square	2570	2650	75	60	50	30
105	2688	96	28	13376	6785	750	500 x 500	square	2830	2660	45	40	30	10
106	6048	144	42	13191	6619	500	350 x 350	square	2650	2480	15	10	8	-
107	4608	128	36	13169	6524	550	400 x 400	square	2850	2420	20	15	12	-
201	80	16	5	13537	8564	4500	2828	round	2950	4350	15000	10000	8000	1500
202	320	32	10	11811	7811	2250	1414	round	1370	3710	2000	1500	1200	200
203	1152	64	18	13510	6490	1125	900	round	3050	2480	150	125	100	50
301	588	42	14	13658	7757	1500	1000 x 1000	square	2900	3680	400	250	200	100
302	2187	81	27	13550	7550	750	500 x 500	square	2950	3350	45	40	30	10
303	4563	117	39	13175	7617	525	350 x 350	square	2750	3450	15	10	8	-
401	588	42	14	13667	6797	1500	1000 x 1000	square	2250	2250	400	250	200	100
402	1323	63	21	13441	16080	990	660 x 660	square	1980	2030	75	60	50	30
403	2352	84	28	13266	15981	750	500 x 500	square	1850	1750	45	40	30	10
501	70	14	5	14181	8628	4500	2828	round	3725	4500	15000	10000	8000	1500
502	588	42	14	13651	16161	1500	1000	round	1980	2400	400	250	200	100

* The coordinates were measured from the left upper corner, while the DMA slide is in an upright position, the mark is on the right upper corner.

** The liquids were printed with the Certus Flex liquid dispenser by Gyger

*** The used solvent was cyclohexanone

