

Title:	Cassette Pitches			ID:
				0338
Date in:	Response:	Model:	Author:	
2018-01-11	2018-01-11	various	CMA	

Q:

What is the formula to calculate the number of plates within one cassette.

A:

This depends on the height of the cassette. STX44..220, LPX44..220 or STR44 or STR240 have a usable height of 505mm. Therefore

505 Cassette Series

max. Labware height [mm]	Levels	Pitch [mm]
162	3	168
120	4	126
95	5	101
78	6	84
66	7	72
57	8	63
51	9	57
44	10	50
40	11	46
36	12	42
32	13	38
30	14	36
27	15	33
25	16	31
24	17	30
22	18	28
20	19	26
19	20	25
18	21	24
17	22	23
16	23	22
15	24	21
14	25	20

13	26	19
12	28	18
11	29	17
10	31	16
9	33	15
8	36	14
7	38	13
6	42	12