

Specification: Mircoreactors (1)

Product Code	MR_1507.4_MXQ_01	755	756	757
Number of chips per pack	1	3		
Distance between channel and top surface	1.1 mm	1100 μm		
Distance between channel and bottom surface	1.1 mm	550 μm		
Channel location	No	bottom layer		
Total chip thickness	4.4 mm	1800 μm		
Chip size	73 x 146 mm	45 mm x 15 mm		
Channel width	1500 μm	300 μm		
Channel height	1100 μm	150 μm	150 μm	150 μm
Internal Volume	3.4 mL	2.7 μl	9.5 μl	18.7 μl
Number of Inlets	3	2		
Number of outlets	1	2		1
Inlet/outlet hole sizes on top of the chip	3 mm	1.70 mm		
Inlet/outlet holes size at channel	2 mm	0.75 mm		
Optical properties	Optical clear view from all sides		Clear sight from the top of chip only	
Supplied in Fluidic slide?	No	Yes		
Material chip	Borosilicate glass			
Material black cartridge	N/A	Polypropylene		

Product Code	FC_R50.332.3_PACK	FC_R50.332.2_PACK	FC_H150.015.2_PACK
Number of chips per pack	3		
Distance between channel and top surface	1100 μm		
Distance between channel and bottom surface	145 μm	700 μm	550 μm
Channel location	No		
Total chip thickness	1800 μm		
Chip size	45 mm x 15 mm		
Channel width	50 μm		150 μm
Channel height	20 μm	20 μm	150 μm
Internal Volume	0.3 μl		1.25 μl
Number of Inlets	2		
Number of outlets	1		2
Inlet/outlet hole sizes on top of the chip	1.70 mm		
Inlet/outlet holes size at channel	0.60 mm		
Optical properties	Optical clear view from all sides		Clear sight from the top of chip only
Supplied in Fluidic slide?	Yes		
Material chip	Borosilicate glass		
Material black cartridge	Polypropylene		



Specification: Mircoreactors (2)

Product Code	FC_R150.332.2_PC_PACK	FC_R150.676.2_PC_PACK	FC_H150.015.2_PC_PACK
Number of chips per pack	3		
Distance between channel and top surface	870 μm		
Distance between channel and bottom surface	700 μm		
Channel location	No		
Total chip thickness	1700 μm		1800 μm
Chip size	45 mm x 15 mm		
Channel width	150 μm		
Channel height	110 μm	130 μm	
Internal Volume	6 μl	13 μl	1.25 μl
Number of Inlets	2		
Number of outlets	2		
Inlet/outlet hole sizes on top of the chip	1.70 mm		
Inlet/outlet holes size at channel	0.60 mm		
Optical properties	Clear sight from the top of chip only		
Supplied in Fluidic slide?	Yes		
Material chip	PC (Polycarbonate)		
Material black cartridge	Polypropylene		

Product Code	FC_R150.332.2_COC _PACK	FC_R150.676.2_CO C_PACK	FC_H150.015.2_CO C_PACK
Number of chips per pack	3		
Distance between channel and top surface	1070 μm		
Distance between channel and bottom surface	600 μm		
Channel location	No		
Total chip thickness	1800 μm		
Chip size	45 mm x 15 mm		
Channel width	150 μm		
Channel height	130 μm		
Internal Volume	6 μl	13 μl	1.25 μl
Number of Inlets	2		
Number of outlets	1		2
Inlet/outlet hole sizes on top of the chip	1.70 mm		
Inlet/outlet holes size at channel	0.60 mm		
Optical properties	Clear sight from the top of chip only		
Supplied in Fluidic slide?	Yes		
Material chip	COC (cyclic olefin copolymer)		
Material black cartridge	Polypropylene		

