

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 μ m		
Distance between channel and bottom surface	1.1 mm	550 μ m		
Channel location	No	bottom layer		
Total chip thickness	4.4 mm	1800 μ m		
Chip size	73 x 146 mm	45 mm x 15 mm		
Channel width	1500 μ m	300 μ m		
Channel height	1100 μ m	150 μ m	150 μ m	150 μ m
Internal Volume	3.4 mL	2.7 μ l	9.5 μ l	18.7 μ l
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_PA CK	FC_R50.332.2_P ACK	FC_H150.015.2_P ACK
Number of chips per pack	3		
Distance between channel and top surface	1100 μ m		
Distance between channel and bottom surface	145 μ m	700 μ m	550 μ m
Channel location	No		
Total chip thickness	1800 μ m		
Chip size	45 mm x 15 mm		
Channel width	50 μ m		150 μ m
Channel height	20 μ m	20 μ m	150 μ m
Internal Volume	0.3 μ l		1.25 μ l
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		

