

Specification: Droplet Generator (1)

Product Code	578	936	1201	935	1341	877
Name on chip	DGFF.P8.7 5.2	DGFF.05. 2	DGFF.05.2	DGFF.05. 10	DGFF.05. 10	DGFF.50. 2
Number of chips per pack	3					
Distance between channel and top surface	338 μm	896 μm				858 μm
Distance between channel and bottom surface	1438 μm	896 μm		892 μm		858 μm
Channel location	-	Top and bottom				
Total chip thickness	1900 μm	1800 μm				
Chip size	45 mm x 15 mm					
Channel width	Varies					
Channel height	Varies	8 μm		17 μm		83 μm
Internal Volume	-	0.26 μl		0.52 μl		3 μl
Nozzle height	-	5 μm		10 μm		50 μm
Number of Inlets	2					
Number of outlets	1					
Inlet/outlet hole sizes on top of the chip	1.10 mm	1.56 mm				
Inlet/outlet hole sizes at channel	-	0.90 mm				
Optical properties	Optical clear view from all sides					
Coating	No	Hydrophobic	No	Hydrophobic	No	No
Supplied in Fluidic slide?	Yes					
Material chip	Borosilicate glass					
Material black cartridge	Polypropylene					

Product Code	935	1341	877	1366	580	970
Name on chip	DGFF.05.10	DGFF.05.10	DGFF.50.2	DGFF.50.2	DGFF.75.2	DGFF.75.2
Number of chips per pack	3					
Distance between channel and top surface	892 μm		858 μm		838 μm	
Distance between channel and bottom surface	892 μm		858 μm		838 μm	
Channel location	Top and bottom					
Total chip thickness	1800 μm					
Chip size	45 mm x 15 mm					
Channel width	Varies				130 μm	
Channel height	17 μm		83 μm		125 μm	
Internal Volume	0.52 μl		3 μl		4.3 μl	
Nozzle height	10 μm		50 μm		75 μm	
Number of Inlets	2					
Number of outlets	1					
Inlet/outlet hole sizes on top of the chip	1.56 mm					
Inlet/outlet hole sizes at channel	0.90 mm					
Optical properties	Optical clear view from all sides					
Coating	No	Hydrophobic	No	Hydrophobic	No	Hydrophobic
Supplied in Fluidic slide?	Yes					
Material chip	Borosilicate glass					
Material black cartridge	Polypropylene					



Specification: Droplet Generator (2)

Product Code	FC_FFDG .C.2_PAC K	FC_FFDG .2.50_PA CK	FC_FFDG .C.2.50_ PACK	FC_TSDG .2_PACK	FC_TSDG .C.2_PAC K	FC_FFDG .2_PACK
Name on chip	FFDG.2	FFDG.2.5 0	FFDG.2.5 0			FFDG.2
Number of chips per pack	3					
Distance between channel and top surface	1100 μm					
Distance between channel and bottom surface	680 μm	600 μm		680 μm		
Channel location	bottom			No		bottom
Total chip thickness	1800 μm					
Chip size	45 mm x 15 mm					
Channel width	100 μm	500 μm		100 μm		
Channel height	20 μm	100 μm		20 μm		
Internal Volume	0.18 μl	4.5 μl		0.17μl	0.17 μl	0.18 μl
Nozzle height	10 μm	50 μm				10 μm
Number of Inlets	2					
Number of outlets	1					
Inlet/outlet hole sizes on top of the chip	1.70 mm					
Inlet/outlet hole sizes at channel	0.60 mm					
Optical properties	Optical clear view from all sides					
Coating	Hydrophobic	No	Hydrophobic	Yes		No
Supplied in Fluidic slide?	Yes			Borosilicate glass		Yes
Material chip	Borosilicate glass	Borosilicate	Borosilicate glass	Polypropylene		Borosilicate glass
Material black cartridge	Polypropylene				Hydrophobic	Polypropylene

