

Low Flow Micro Perfusion Pump Flow Rates

Flow Rates				Tube Sizes (I.D.)				
ml/hr	ul/min	ml/min	oz/hr	0.015	0.020	0.031	0.062	0.093
0.2	3.3	0.003	0.007	Red				
0.4	6.7	0.007	0.014					
0.6	10.0	0.010	0.020	Red	Blue			
0.8	13.3	0.013	0.027					
1	16.7	0.017	0.034	Red	Blue	Green		
2	33.3	0.033	0.068					
3	50.0	0.050	0.101	Red	Blue	Green	Yellow	
4	66.7	0.067	0.135					
5	83.3	0.083	0.169	Red	Blue	Green	Yellow	Purple
6	100.0	0.100	0.203					
7	116.7	0.117	0.237		Blue	Green	Yellow	
8	133.3	0.133	0.270		Blue	Green	Yellow	
9	150.0	0.150	0.304		Blue	Green	Yellow	
10	166.7	0.167	0.338		Blue	Green	Yellow	
12	200.0	0.200	0.406		Blue	Green	Yellow	
14	233.3	0.233	0.473		Blue	Green	Yellow	
16	266.7	0.267	0.541			Green	Yellow	
18	300.0	0.300	0.608			Green	Yellow	
20	333.3	0.333	0.676			Green	Yellow	
25	416.7	0.417	0.845				Yellow	
30	500.0	0.500	1.014				Yellow	
35	583.3	0.583	1.183				Yellow	
40	666.7	0.667	1.352				Yellow	
50	833.3	0.833	1.690				Yellow	
55	916.7	0.917	1.859				Yellow	
60	1000.0	1.000	2.028				Yellow	
65	1083.3	1.083	2.197				Yellow	
70	1166.7	1.167	2.366				Yellow	
75	1250.0	1.250	2.535				Yellow	
80	1333.3	1.333	2.704					Purple
85	1416.7	1.417	2.873					Purple
90	1500.0	1.500	3.042					Purple
100	1666.7	1.667	3.380					Purple
110	1833.3	1.833	3.718					Purple
120	2000.0	2.000	4.056					Purple
130	2166.7	2.167	4.394					Purple
140	2333.3	2.333	4.732					Purple
150	2500.0	2.500	5.070					Purple
160	2666.7	2.667	5.408					Purple
170	2833.3	2.833	5.746					Purple
180	3000.0	3.000	6.084					Purple