TABLE 1--NUMBER OF 200 MESH EM GRID OPENINGS ($0.0057\ MM^2$) THAT NEED TO BE ANALYZED TO MAINTAIN SENSITIVITY OF 0.005 STRUCTURES/CC BASED ON VOLUME AND EFFECTIVE FILTER AREA

Effective Filter Area 385 sq mm

Volume (liters)	# of grid openings
560	*24*
600	23
700	19
800	17
900	15
1,000	14
1,100	12
1,200	**11**
1,300	**10**
1,400	**10**
1,500	**9**
1,600	**8**
1,700	**8**
1,800	**8**
1,900	7
2,000	7
2,100	6
2,200	6
2,300	6
2,400	6
2,500	5
2,600	5
2,700	5
2,800	5
2,900	5
3,000	5
3,100	4
3,200	4
3,300	4
3,400	4
3,500	4
3,600	4
3,700	4
3,800	4

Recommended Volume Range

Effective Filter Area 855 sq mm

Volume (liters)	# of grid openings
1,250	*24*
1,300	23
1,400	21
1,600	19
1,800	17
2,000	15
2,200	14
2,400	13
2,600	12
2,800	**11**
3,000	**10**
3,200	**9**
3,400	**9**
3,600	**8**
3,800	**8**
4,000	**8**
4,200	7
4,400	7
4,600	7
4,800	6
5,000	6
5,200	6
5,400	6
5,600	5
5,800	5
6,000	5
6,200	5
6,400	5
6,600	5
6,800	4
7,000	4
7,200	4
7,400	4
7,600	4

Recommended Volume Range

Note minimum volumes required:
25 mm : 560 liters
37 mm : 1250 liters

Filter diameter of 25 mm = effective area of 385 sq mm
Filter diameter of 37 mm = effective area of 855 sq mm