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Seril DECRIL



Récapitulatif des tests grandeurs réels des modules type
plasma froid en milieu clinique

présentés par la société *seril* DECRIL

NB : ce document est strictement confidentiel

Il ne peut être cité ou faire l'objet d'une quelconque publication sans
l'accord écrit de notre société.

Le présent test porte sur **les odeurs, les COVs et les formaldéhydes**
Ils ne concernent pas une combinaison d'effet de traitement par Uv et
plasma.

De nouveaux tests sont actuellement en cours, nous vous communiquerons
les résultats sur demande.



University Animal
Biotechnology Center



Installation Picture
(Duct In Type for animal test labs)

Test Result	Formaldehyde	VOCs	Odor Level
Value Before Installation	0.33 ppm	0.87 ppm	1504 Σ
Value After Installation (Day 3)	0.16 ppm	0.34 ppm	1001 Σ
Value After Installation (Day 7)	0.09 ppm	0.25 ppm	608 Σ
Value After Installation (Day 10)	0.08 ppm	0.21 ppm	429 Σ
Value after 2 days with Ion Cluster Stop	0.26 ppm	0.57 ppm	1167 Σ



Medical Center



Installation Picture
(Duct In Type for funeral flower treatment facility)



Installation Picture
(Stand Type for animal test lab)

Test Result	Formaldehyde	VOCs	Odor Level
Value Before Installation	0.40 ppm	1.05 ppm	1210 Σ
Value After Installation (Day 2)	0.24 ppm	0.50 ppm	1101 Σ
Value After Installation (Day 5)	0.09 ppm	0.29 ppm	474 Σ



Medical Center, Japan

Test data for patient rooms is not allowed to be reviewed.
But the hospital was happy with bacterial decrease level and they purchased ion one portable machines for major rooms.



Hospital, Singapore

Test data for child care center is not allowed to be reviewed.
But the hospital was happy with large particle decrease level (from 2379 to 396).

Test data for handicap toilet is allowed to be reviewed as below. Airborne bacteria decreased by more than 50%.

For childcare center and toilet, they put 50 sets of ion one inside diffuser and inside air conditioner in major rooms.

1	Hospital Level 7 Handicap Toilet - Near Patient Lift (with ion cluster)	
	Air Monitoring - Total Aerobic Plate Count (America Public Health Association, 19th Edition, 1995 - Plate Count Agar, 35°C, 48 hours)	21 colony(ies)/plate/15 minutes
2	Hospital Level 7 Handicap Toilet - Near Patient Lift (without ion cluster)	
	Air Monitoring - Total Aerobic Plate Count (America Public Health Association, 19th Edition, 1995 - Plate Count Agar, 35°C, 48 hours)	57 colony(ies)/plate/15 minutes