

1998 Alternative Medical Waste Treatment Technologies
Jose E. Rubinstein

Type	Years in Business	Waste Type	When Shred/Grind?	Operating Units in U.S.	Operating Units Abroad	No. of States Permitted	Capacity (pph)	Treatment Cost (HK\$/tonne)	Capital Cost in 1,000's (HK\$)
HEAT/STEAM/THERM									
Anteus Group	6	RMW	during	4	0	15	160	140.82	1,548
Basic Envirotech, Inc.	5	RMW, Path, Sharps	-	12	9	6	600-1,200	68.04-208.66	10,082
Hydroclave Systems Corp.	3	RMW, Sharps	post/ optional	1	1	50	200-1,000	38.29	1,161-2,129
Leptos TDS	5	RMW, Path, Sharps	before	0	19	1	17-300	38.29-104.33	1,207-2,366
MDS Nordion	-	Pathologic	post	-	-	-	3,300	38.29	48,440
Medifor-X*	6	RMW	post/ optional	8	0	41	40-600	104.33-882.48	464.4-2,709
PMA Services, Inc.*	3	RMW	-	1	1	35	25	195.05	194
SAS Systems, Inc.*	4	RMW	during	1	3	1	300-800	140.62-178.80	2,322-6,031
OMI Companies, Inc.	20	RMW, Sharps	post	15	0	5	-	-	-
Isolyzer Co., Inc.	8	RMW, Path, Sharps	before	50	4	20	-	-	-
ELECTRO-THERMAL / RADIATION									
BioStarrs Technologies	5	RMW, Path, Chemo	post	1	1	8	400-600	244.94	1,898-2,709
Stericycle, Inc.	9	RMW	before	4	0	17	n/a	n/a	n/a
MICROWAVE									
Bio-Oxidation	6	RMW, Path, Sharps, Chemo	-	1	1	2	100-2,500	244.84-349.27	7,740
CMB/Stron*	7	RMW	post/ optional	0	60	0	100	176.90	348-484
EWMC*	5	RMW	-	0	0	0	250-3,000	104.33-176.80	774-1,355
Roston Medical Technologies	5	RMW, Path	post	3	0	38	50	281.23-421.85	873
Thermal Waste Technologies	11	RMW, Path, Sharps	-	200	40	40	-	208.66	23,220
Sanitec, Inc.	8	RMW, Path, Chemo	during	45	11	42	220-800	104.33-208.66	3,506-4,805
PLASMA/PYROLYSIS/GASIFICATION									
Crawford Equipment & Eng.	-	RMW, Path, Chemo	-	80	30	48	1,000	281.23	-
Leslie Technologies, Inc.	6	RMW, Path	before	0	10	0	100-600	281.23-458.14	1,161-11,610
PEAT, Inc.	8	RMW, Path, Chemo	before	1	0	4	500-3,000	88.04-598.75	30,186-84,242

* 1997 Data
 Source: Environmental Industries Association

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1998 Alternative Medical Waste Treatment Technologies
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Type	Years In Business	Waste Type	When Shred/Grind?	Operating Units in U.S.	Operating Units Abroad	No. of States Permitted	Capacity (gph)	Treatment Cost (HK\$/tonne)	Capital Cost in 1,000's (HK\$)
Vanish, Inc.	6	RMW, Path, Chemo	-	0	0	0	300	140.62-208.66	6,865
AUTOCLAVE									
Bondtech Corp	15	RMW	post/ optional	75	5	49	260-3,000	176.90-244.94	774-1,355
The Mark Costello Co.	25	RMW	post/ optional	225	75	49	225-1,125	208.68	201-495
Environmental Technonics	7	RMW	post/ optional	10	1	50	400-2,000	104.33-281.23	1,181-2,128
OnGuard Sterilization*	5	RMW	post/ optional	4	0	50	200-600	68.04-104.33	611-1,089
San-I-Pak, Inc.	20	RMW	post/ optional	400	25	50	25-3,000	140.62	271-4,644
Serra Industries*	17	RMW	post/ optional	150	0	50	50-5,000	122.47-208.66	271
Templo, Inc.	8	RMW, Path, Sharps	post	20	7	40	208-1,370	176.80	3,034-13,168
Tuttnauer USA, Co., Ltd.	4	RMW, Sharps	post	42	70	50	70-2,000	68.04	2,322-3,870
United McGSI Corp.*	11	RMW	post	5	1	50	650-650	104.33-140.62	2,322
CHEMICAL									
Bio Conversion Technologies	1	RMW, Path	before	1	0	1	700	-	-
Circle Medical Products	14	RMW, Path	during	100	20	30	1,200-3,000	104.33	1,540-3,882
MedCompliance Services	10	RMW, Path	during	2	0	45	2,000-3,000	244.94	6,418-6,986
Medwaste Technologies	4	RMW, Path, Sharps, Chemo	all times	6	3	48	4,000-6,000	36.29	4,605-4,636
Sterile Technology Industries	3	RMW, Path, Sharps	before	2	0	43	850-3,000	36.28	3,483-7,353
Steris Corp.*	7	RMW	during	40	5	47	25-30	3,510.88	139
Unitrade LTD.	9	RMW, Path, Sharps, Chemo	during	18	8	14	200-400	104.33	271-619
Winfield Environmental*	6	RMW, Path	before/ after	2	7	47	15-25	528.18-879.98	2,709

* 1997 Data
Source: Environmental Industries Association

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