

## COMPILATION OF VENDORS OF WASTE TREATMENT AUTOCLAVE, MICROWAVE, AND HYBRID STEAM-BASED TECHNOLOGIES<sup>1</sup>

### INTRODUCTION

This document provides a partial list of non-incineration technologies for the treatment of healthcare waste. The technologies include autoclaves, microwave units, hybrid steam treatment systems and other steam-based technologies. It does not include vendors of chemical disinfection, frictional heat treatment, alkaline hydrolysis, irradiation, biological treatment, and incineration or incineration-like technologies. Companies that only provide waste collection and treatment services are not included.

### LIST OF VENDORS AND CONTACT INFORMATION

Name of Vendor	Physical Address	Telephone/Fax	Email	Website	Technology
AMB Ecosteryl	Avenue Wilson 622 B - 7012 Mons Belgium	Tel: +32 65 82 26 81 Fax: +32 65 82 47 98	amebo@skynet.beat	www.ecosteryl.net	Continuous Microwave
Acmas Technologies (P) Ltd	312-313 Vardhman Capital Mall, Local Shopping Complex, Gulabi Bagh, Delhi-110054, India	Tel: +91-8860079144 +91-8860079145	aanchal@acmasindia .com enquiry@acmasindia. com	http://www.acmasindia .com/	Vacuum autoclave
Anchor Autoclave Systems	P.O. Box 19932 Houston, Texas 77224	Tel: (001)-713-465- 6851	anchorinfo@anchora utoclave.com	www.anchorautoclave. com	Autoclave

<sup>1</sup> NOTE: This compilation is intended as an informational document. The UNDP GEF Project does not endorse any of the technologies, companies, or brand names in this list and does not claim that this is a comprehensive list of non-incineration treatment technologies. The UNDP GEF Project does not make any warranty, expressed or implied, with respect to the use of any of the technologies in this list and does not assume any liabilities with respect to their use.

	U.S.A	Fax: (001)-713-465-9817			
AWS Clinical Waste	Suite 27, Cleveland House 120 Bloomfield Street Cleveland Queensland 4163 Australia	Tel: +61 7 3821-1500 Mobile: 0417 511 500	awsclinical1@bigpond.com	www.awsclinical.com	Autoclave
Bertin Sterilwave Technologies	10 bis avenue Ampère 78180 Montigny-Le-Bretonneux, FRANCE	Tel: (+33) 01 39 30 60 74		www.bertin.fr/en	Microwave with shredding
BioMedical Technology Solutions, Inc.	9800 Mount Pyramid Court, Suite 250 Englewood, Colorado 80112 USA	Tel: +1 (303) 653-0100 Fax: +1 (303) 653-0120	sales@bmtscorp.com	www.bmtscorp.com/index.htm	Dry Heat Treatment
BioSAFE Engineering	485 Southpoint Circle Building 200 Brownsburg, IN 46112 USA	Tel.: +1 317-858-8099 Fax: +1 317-858-8202	info@biosafeengineering.com	www.biosafeengineering.com	Continuous steam treatment
Bondtech Corporation	Corporate Headquarters 1278 Highway 461 Somerset, Ky 42503 USA	Tel: 1-800-414-4231 or +1 (606) 677-2616 Fax: +1 (606) 676-9157	Elsa Brown - elsabrown@bondtech.net	http://www.bondtech.net/index.php4, http://www.bondtechcorporation.com/	Autoclave
Cecon Pollutech Systems (P) Limited	298/207/2, 1st Floor Laxmi Bhawan (Near Indira Bridge), Nishatganj Lucknow - 226006 India	Tel: +91-522-3252140, 3190202, 3252130, 2700202, 2329891 Mobile: +91- 9415002252, +91- 9415002253 Fax: +91-522-2329891	cleanair@cecon.in	http://www.cecon.in	Autoclave, hybrid autoclave
Celitron Medical	Technologies Kft. Avar Utca 5, 2600 Vác Hungary	Tel: (36) 27512267 Fax: (36) 27512268	info@celitron.com	www.celitron.com	Hybrid Autoclave

CISA S.p.A. Italy Headquarters	Via Pontina Km 28 00040 - Pomezia - Roma - Italia	Tel: +39 06 9114371 Fax: +39 06 9107565	coordination.sales@c isagroup.it	www.cisagroup.it	Autoclave
CMB / Sintion	Maschinenbau & Handels GmbH Concept Strasse 1 8101 Gratkorn Austria	Tel: +43 (0)3124 / 22150 - 0 Fax: +43 (0)3124 / 22150 - 210	cmb@christof- group.at	http://www.sintion.at/ en/cmb/sintion_3	Batch Microwave
COMTEM (Steriflash)	C/ lbi, 2 Poligono Industrial Algars 03820 Cocentaina (Alicante) Spain	Tel: +34 965 590 315 Fax: +34 965 330 328	comtem@comtem.n et	http://www.comtem.n et/	Hybrid autoclave
Crusader Engineering	PO Box 204377, Highbrook Manukau 2161, Auckland New Zealand	Tel: (+64 9) 274 0811 Fax: (+64 9) 274 9898	info@crusaderengine ering.co.nz	http://www.crusaderen gineering.co.nz	Hybrid Autoclave
Ecodas	28, rue Sébastopol 59100 Roubaix France	Tel: (33) 03 20 70 9865 Fax: (33) 03 20 24 2381	contact@ecodas.com	www.ecodas.com	Hybrid Autoclave
Ecolotec, LLC	196 Highlands Union Grove, AL 35175 USA	Tel: 1-256-270-4335 Fax: 1-256-837-4091	dallen32843@gmail.c om	www.ecolotec.com	Hybrid Autoclave
ERDWICH Vertriebs GmbH	Kolpingstrasse 8 - D-86916 KAUFERING Postfach 65 - D-86912 Kaufering Germany	Tel: (+49) 08191-9652- 0 Fax: (+49) 08191-9652- 16	infoline@erdwich.de	www.erdwich.dem	Continuous Steam

ETC Sterilization Systems	125 James Way Southampton, PA 18966 USA	Tel: 215-355-9100	<a href="mailto:JBucar@etcusa.com">JBucar@etcusa.com</a>	<a href="http://www.etcsterilization.com/">http://www.etcsterilization.com/</a>	Sterilization Systems
Fedegari Autoclavi SpA	SS 235 km 8 27010 Albuzzano (PV) ITALY	Tel: +39 0382 434111 Fax: +39 0382 434150	fedegari@fedegari.com	<a href="http://www.fedegari.com/">www.fedegari.com/</a>	Autoclave
George K. Moss Co., Inc.	P.O. Box 380156 Birmingham, AL 35238 United States	Tel: 205.408.2929 Toll Free: 800.759.MOSS (6677) Fax: 205.408.4337	steam@gkmoss.com	<a href="http://www.gkmoss.com/index.php/page/medicalwaste">http://www.gkmoss.com/index.php/page/medicalwaste</a>	Autoclave
Groupe Ducamp DHS	Zone Industrielle N°4 - 4, rue du Président Lécuyer - 59 880 Saint Saulve France	Tél : 03.27.24.71.42 - Fax : 03.27.24.75.65	courrier@dhs.groupe- ducamp.com	<a href="http://www.groupe-ducamp.com/FR/dhs/dhs.html">http://www.groupe-ducamp.com/FR/dhs/dhs.html</a>	Autoclave
Grupo Athisa	Andaluza Tratamientos de Higiene SA Periodista Francisco J. Cobos 18 Portal 1, 1ºC Granada, Andalucia Spain	Tel: (+34) 958 172 425 Fax: (+34) 958 170 935	kbruck@athisa.es	<a href="http://www.athisa.es">http://www.athisa.es</a>	Vacuum Autoclave
Hirayama Manufacturing Corp.	4-14-4-7, Hatchobori, Chuo- Ku, Tokyo 104-0032 Japan	TEL: +81-3-6280-3724 FAX: +81-3-6260-3725	info-01@hirayama- hmc.co.jp	<a href="http://www.hirayama-hmc.co.jp">http://www.hirayama-hmc.co.jp</a>	Autoclave, hybrid autoclave
Hydroclave Systems Corp.	672 Norris Court Kingston, Ontario Canada K7P 2R9	Tel: 1 (613) 389-8373 Fax: (613) 389-8554	hydrosys@istar.ca	<a href="http://www.hydroclave.com">www.hydroclave.com</a>	Hybrid Autoclave
Incol Co SA	Chacabuco 4875, 1650, San Martin Gran Buenos Aires	Tel: (54 11) 4768 7088 (Rot) Fax: (54 11) 4767 6807	info@incol.net	<a href="http://www.incol.net/">http://www.incol.net/</a>	Autoclave

	Argentina				
Jain Hydraulics Pvt. Ltd.	10066 Multani Dhanda, Street No. 1, 1st Floor Paharganj, New Delhi - 110055, India	Tel: +91 11 23610291 +91 11 23629689 +91 11 23523966 Fax: +91 11 25504343	info@jainhydraulics.com jhpl@vsnl.com	www.jainhydraulics.com	
LogMed GmbH	Brehnaer Str. 6 D - 06188 Landsburg Germany	Tel: +49 34602 4031100 Fax: +49 34602 4031111	info@logmed.de	www.logmed.de	Continuous Steam
MachinFabrik	R/90, Rabale-MIDC, Thane Belapur Road, TTC Industrial Area, Navi Mumbai, India	Tel-Fax : 91-22- 67368200		www.machinfabrik.com	Autoclave
The Mark-Costello Company	1145 East Dominguez Street Carson, California 90746 USA	Tel: +1 (310) 637-1851 Fax: +1 (310) 762-2330		http://www.mark-costello.com	Autoclave
Matachana	Almogávares, 174 08018 Barcelona Spain	Tel: 934 868 700 Fax: 933 098 692 International: Tel. (+34) 933 008 504; Fax (+34) 934 854 354;	info@matachana.com	http://www.matachana.com	Autoclave
McGill AirPressure LLC	1777 Refugee Road Columbus, Ohio 43207-2119 USA	Tel: 614/829-1200 Fax: 614/445-8759	sales@mcgillairpressure.com	http://www.mcgillairpressure.com/autoclave_site/index_auto.html	Autoclave
MedClean Technologies	Corporate Headquarters 3 Trowbridge Drive Bethel, Connecticut 06801 USA	Tel: +1 (855) 438-6256	jaccardi@GoMCLN.com	http://www.medcleantechnologies.com/	Autoclave
MedFreshe/Narula Exports	Marketing Office, Narula's	Tel: +91-11-4545 999, -	hrn@narulaexports.c	www.narulaexports.co	Hybrid

	Tower-II 2 & 3, Central Market, Punjabi Bagh (West) New Delhi – 110026 India	2522 4102, -2522 3873 Fax: +91-11-2322 8702	om, medfreshe@narulaex ports.com	m	Autoclave
Medi-Clave Pty Ltd	P.O Box 1652, Hartbeespoort 0216, Republic of South Africa	Tel: +27 (0) 12 371- 3759 Cell: +27 (0) 82 821- 2131 Fax: +27 (0) 86 551- 6700	admin@medi- clave.co.za	www.medi-clave.co.za/	Vacuum autoclave
MediVac Technology	Unit 8 / Lot 1B Kleins Road, Northmead NSW 2152 Australia P O Box 656 Baulkham Hills NSW 1755 Australia	Tel: + 61 2 9630 0633   +61 2 9922 3640 Fax: +61 2 9630 0533	info@medivac.com.a u	www.medivac.com.au	Hybrid Autoclave
Melco Steel, Inc.	1100 W. Foothill Blvd. Azusa, CA 91702 USA	Tel: 626.334.7875 Fax: 626.334.6799	info@melcosteel.co m	www.melcosteel.com	Autoclave
Metan Green Health & Environmental Services	Metan Uluslararası Ticaret ve Danışmanlık LTD Şti. Mustafa Kemal Mahallesi Barış Sitesi 2089. Sokak No:6 06800 / Çankaya / Ankara Turkey	Tel: +90 (312) 285 70 65 Fax: +90 (312) 285 95 30	info@metan.com.tr	http://metan.com.tr/	Hybrid Autoclave
METEKA GmbH	Viktor-Kaplan-Straße 7 A 8750 Judenburg Austria	Tel: (+43)3572 / 85 166 Fax: (+43)3572 / 85 166-6	info@meteka.com	www.meteka.com/inde x_en.php	Batch Microwave

Miclo Environnement	1 Rue Pierre PFLIMLIN ZA Actipolis 3 68390 Sausheim France	Tel: 33 (0)3 89 31 68 50 Fax: 0033 (0)3 89 61 99 87	nmiclo@wanadoo.fr	<a href="http://www.miclo-environnement.fr/">http://www.miclo-environnement.fr/</a>	Continuous Steam
Micro-Waste Corporation	3006 SE Loop 820 Fort Worth, TX 76140 USA	Tel: +1-817-370-2426	TABollinger@Micro-Waste.com	<a href="http://www.micro-waste.com">http://www.micro-waste.com</a>	Continuous Microwave
Olmar	Polígono de Somonte III, Parcela 1B 33213 Gijón ( Asturias ) - SPAIN	Tel: (+34 ) 985321700 Fax: (+34) 985323831	info@olmar.com comercial@olmar.com	<a href="http://www.olmar.com/">http://www.olmar.com /</a>	Autoclave
OnSite Sterilization, LLC.	319 Commerce Court, Suite 103 Pottstown, PA 19464-3478 USA	Tel: +1 610-495-8214 Fax: +1 610-495-8215	akoehler@askonsite.com	<a href="http://www.askonsite.com">www.askonsite.com</a>	Autoclave
Peerless Waste Solutions, LLC	510 E. 40th Street Holland, MI 49423 USA	Tel: 1-616-355-2800 Fax: 1-616-355-2890	sales@peerlesswaste.com	<a href="http://www.peerlesswaste.com">www.peerlesswaste.com</a>	Continuous Feed Autoclave
Pollution Abatement Systems Specialists, Inc.	Rm.211, Geson Building D. Jakosalem Street, Cebu City Philippines	Tel: +63 32 255 1535 Fax: +63 32 520 3251 Mob: +63 9228585021	engr_julitopogoy@pollutionabatementssystem.com	<a href="http://www.pollutionabatementssystem.com">www.pollutionabatementssystem.com</a>	Autoclave
Pulse Pharma Pvt. Ltd.	212, Ashirwad Commercial Complex D-1, Green Park, New Delhi - 110016 INDIA	Tel: +91.11.26863503 Fax: +91.11.26968517	pulse@pulsemedika.com	<a href="http://www.pulsemedika.com/index.htm">http://www.pulsemedika.com/index.htm</a>	Batch microwave
Quanzhou City Lizhong Food Machinery Co., Ltd.	Jiangnan Hi-Tech Industrial Zone, Licheng District	Tel: 86-595-22350867 / 86 13599223028		<a href="http://www.food-machinery.com">http://www.food-machinery.com</a>	Medical Waste Autoclaves

	Quanzhou City, Fujian Province China (Mainland) 362000	Fax: 86-595-22469799			
Red Bag Solutions	3431 Benson Avenue, Suite 100 Baltimore, MD 21227 USA	Tel: 1-443-524-4245, 1 877-973-3224 Fax: 443-524-4250	info@redbag.com	www.redbag.com	Hybrid Autoclave
Reliance Instruments	1986, H - BLOCK, 5th Street, 12th Main Road, Anna Nagar(west) Chennai. Tamilnadu, India. Pin-600040.	Tel: 044 - 26161920, Fax: 91-044 - 26161920	reico@relianceinstruments.com	http://www.relianceinstruments.com/index.html	Autoclave
Safe Environmental Solutions Ltd.	Q Park, Bath Road Woodchester, Stroud Gloucestershire GL5 5HT UK	Tel: +44 (0) 1453 873 809 / 873 810 Fax: +44 (0) 1453 873 815	pr@sharpsblastertm.com	www.sharpsblaster.com	Dry Heat
SafeWaste Inc	Building 9801 A & B Mabalacat Techno Center, Brgy. Paralayunan, Mabalacat, Pampanga, Philippines / 3 Pallosapis St., Greenville City of San Fernando, Pampanga 2000 Philippines	Tel: +63 45 - 963 22 19 Fax: +63 45 - 963 22 19 (045) 624-5457 Mobile: (0) 927-402 4311	safewaste@ymail.com safe_waste@yahoo.com		Autoclave
San-I-Pak	23535 South Bird Road Tracy, CA 95304 USA	Tel: +1 (209) 836-2310 Fax: +1 (209) 836-2336	info@sanipak.com	http://www.sanipak.com	Autoclave
Sanitec	4535 W. Valerio Street Burbank, California 91505	Tel: +1 (818) 565-5566 Fax: +1 (818) 565-0035	info@sanitecind.com	www.sanitecind.com/Home.html	Continuous Microwave



	USA				
Saudi Gulf Environmental Protection Company (SEPCO)	P.O.Box 3394, Jeddah 21471, Saudi Arabia	Tel: 00966-2-2901995 Fax:00966-2-2885510	info@sepcoenvironm ent.com	http://www.sepcoenvir onment.com/index.php	Microwave; Autoclave
Sazgar	No. 457, Gharehtapeh Station Shahriar Road, Shahriar Tehran, Iran P.O. Box 33515-198, Tehran Iran	Tel/Fax: +98 262 3290130-9	info@sazgarmed.co m	www.sazgarmed.com	Hybrid Autoclave
Silcon Ambiental Ltda.	Rua Bela Cintra, 986 – 3º andar – conj 32 São Paulo – SP - CEP 01415- 906 Consolação Brasil	Tel: 55 (11) 2128-5777 Fax: 55 (11) 2128-5787	http://www.silcon.co m.br/	comercial@silcon.com. br	Autoclave
Steridium	PO Box 5296 Q Super Centre Queensland, 4218 Australia	Tel: +61 7 55 931 352 Fax: +61 7 55 931 876	sales@steridium.com	www.steridium.com	Autoclave
Sterifant Vertriebs GmbH	12, rue Jean Engling, L-1466 Luxembourg	Tel: +352-43 22 22, Fax: +352-42 60 59	sterilux@pt.lu		Batch Microwave
Steriflash	Hôtel d'entreprise - ZI la pradelle voie la pradelle - 31190 - Auterive France	Tel:(+33)5-34-28-02-34 Fax:(+33)5-34-28-02-37	info@steriflash.fr		
Sterigerms	BP 27 26600 La Roche de Glun France	Tel: + 33 [0]4 90 11 37 37 Fax: + 33 [0]4 90 11 37 30	contact@sterigerms. com	www.sterigerms.com	Dry Heat Treatment

STERISHRED GmbH	Hürtimattstrasse 30 CH - 6353 Weggis Switzerland	Tel: 0041 (0)41 340 81 28 Fax: 0041 (0)41 340 81 27	info@sterishred.com	<a href="http://sterishred.com/index.htm">http://sterishred.com/index.htm</a>	Hybrid autoclave
Steritech, SA	ZA du Kochersberg 1, Rue de Furchhausen 67700 Saverne France	Tel: 33 (0) 388 710 433 Fax: 33 (0) 388 710 152	<a href="mailto:info@steritech.eu.com">info@steritech.eu.com</a>	<a href="http://www.steritech.eu.com/en/home/">http://www.steritech.eu.com/en/home/</a>	Autoclave
Swingstar	6/15, Indira Nagar Soc, Vashinaka, R. C. Marg Vashinaka, Behind Vashinaka Petrol Pump & Seeta Estate. Mumbai - 400 074. Maharashtra, INDIA.	Tel: 91-22-2554 5434 Fax: 2511 1217 Mobile: 08275267800	info@swingstargroup .co.ininfo@swingstar group.org	www.swingstargroup.com	Autoclave
Systec GmbH	Labor-Systemtechnik Sandusweg 11 35435 Wettenberg Germany	Tel: +49 (0) 641-98211- 0 Fax: +49 (0) 641-98211- 21		<a href="http://www.systec-lab.com/">http://www.systec-lab.com/</a>	Autoclave
T.E.M (Technologies Environnement et Médical) Steriflash	Ste T.E.M - Hôtel d'entreprise ZI la pradelle voie la pradelle 31190 Auterive France	Tel:(+33)5-34-28-02-34 Fax:(+33)5-34-28-02-37	info@steriflash.fr; info@tem-lab.com	www.steriflash.fr/gb/g eneral-gb.htm; www.tem-lab.com	Hybrid Autoclave
Tempico, Inc.	1700 West Church Street, Suite C Hammond, LA 70401 USA	Tel: +1 (985) 429-9929 Fax: +1 (985) 429-9740	tempico@tempico.com	www.tempico.com	Hybrid Autoclave
Tianjin GreenTech Environmental Technology Co., Ltd.	Tianjin Nankai Science Park Tianjin Municipality in North West Tsing District Industrial Park (North Park)	Tel: 022-27985222 Fax: 022-27985111		<a href="http://tjgreentech.com/en">http://tjgreentech.com/en</a>	Steam treatment system; Microwave

	Star Road on the 26th China Zip Code: 300380				System
Tuttnauer Co. Ltd., Tuttnauer Europe b.v. Tuttnauer USA Co.	Har Tuv Industrial Zone, B P.O. Box 170, Beit Shemesh, 99000, Israel  Paardeweide 36, 4824 EH, P.O.B. 7191, 4800 GD Breda The Netherlands  25 Power Drive, Hauppauge, NY 11788	NL: Tel: +31 (0) 765 423 510 Fax: +31 (0) 765 423 540  USA: Tel: +800 624 5836, +631 737 4850 Fax: +631 737 0720	info@tuttnauer- hq.com info@tuttnauer.nl info@tuttnauer.com	www.tuttnauer.com www.tuttnauerUSA.co m	Autoclave
UNDP GEF Project Technology	c/o Prof. Jamidu Katima and Prof. Emrod Elisante University of Dar es Salaam P.O. Box 35131 Dar es Salaam Tanzania			<a href="http://www.gefmedwa&lt;br/&gt;ste.com">http://www.gefmedwa ste.com</a>	Autoclave
Wavetech Microwaste 60	Wavetech International Ltd 55, Beanfields, Worsley, Manchester United Kingdom, M28 2PJ	Tel: 44--0044 7769898382			Microwave
Webeco	WEBECO Hygiene in Medizin und Labor GmbH & Co. KG An der Trave 14 D-23923 Selmsdorf Germany	Tel: +49 (0) 451 28072- 0 Fax +49 (0) 451 28072- 31	<a href="mailto:export@webeco.de">export@webeco.de</a> <a href="mailto:webeco-&lt;br/&gt;marketing@webeco.&lt;br/&gt;de">webeco- marketing@webeco. de</a>	<a href="http://www.webeco.de&lt;br/&gt;/index.php?id=163">http://www.webeco.de /index.php?id=163</a>	Sterilizer
WSF Industries	7 Hackett Dr.	Toll Free: 800-874-8265	sales@wsfindustries.	<a href="http://www.wsf-">http://www.wsf-</a>	Autoclave

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	Tonawanda, NY 14150 USA	Tel: 716-692-4930 Fax: 716-692-4135	com	inc.com/	
Zealway (Xiamen) Instrument Inc.	136-138#, jiu tian hu west 2 <sup>nd</sup> road Xinglin Industrial Zone, Jimei District Xiamen China	Tel: 86-592-779 2033 Fax: 86-592-261 5099	sales@zealway.com.c n		Medical Waste Autoclave

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