



2014
EDITION

ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES

A Global Inventory



by Ruth Stringer
a Health Care Without Harm Publication

www.medwastealternatives.org



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DISCLAIMER

Health Care Without Harm (HCWH) does not have any vested commercial interests in any of the technologies or companies listed in this inventory. Furthermore, HCWH does not endorse any specific technology or company. Even though HCWH exercised care in ensuring the accuracy of the information provided, HCWH does not guarantee, and accepts no legal liability, arising from or connected to, the reliability or currency of material contained on this inventory. Moreover, HCWH does not claim that this inventory is a complete listing of all commercially available technologies.

HCWH recommends that users carefully evaluate the accuracy, currency, completeness and relevance of the data for their purposes and that users exercise their own skill and care with respect to the use of the information.

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INTRODUCTION

Today, 179 of the world's countries are parties to the Stockholm Convention on Persistent Organic Pollutants (www.pops.int). It aims to minimize and, where feasible, eliminate over 20 of the most environmentally harmful chemicals and groups of chemicals known to science.

Of these chemicals, the chlorinated dioxins and furans, PCBs, hexachlorobenzene and pentachlorobenzene are all unintentionally produced by incineration. Indeed, incineration and open burning of municipal and medical waste rank amongst the largest sources of these chemicals in most countries of the world.

In keeping with this, the Stockholm Convention states that priority should be given to technologies that prevent the formation and release of dioxins and furans, among others. Similarly, the World Health Organisation policy on safe and sustainable healthcare waste management calls for the effective, scaled-up promotion of non-incineration technologies.

To facilitate the switch to non-incineration technologies, this inventory contains a global listing of providers of technologies for the treatment of infectious waste. They all avoid the formation of dioxins, furans and other pollutants controlled by the Stockholm Convention.

These technologies comprise an essential part of a safe and sustainable health-care waste management system, but only a part. Health care providers should have a written environmental policy that encompasses the spectrum from environmentally preferable purchasing to safe disposal of treated wastes.

More information on these subjects can be found at:

www.noharm.org | greenhospitals.net | mercuryfreehealthcare.org

HEALTH-CARE WASTE TREATMENT TECHNOLOGIES INCLUDED IN THIS INVENTORY

The products included in this inventory include disinfection technologies and ancillary equipment such as needle or hub cutters, grinders and shredders. Information has been gathered from internet searches, direct contact with companies and literature sources (Emmanuel & Stringer 2007, PATH 2008, UNDP 2012). All suppliers referred to in other sources have been checked and reassessed as part of the process.

Hub cutters remove the needle from a syringe and also cut off the tip which prevents the syringe being reused. This is important since around 10-20% of needle stick injuries occur during disposal. It also reduces the amount of space that syringes take up in the sharps container, increasing the efficiency of the process. Moreover, in some countries, there is an illicit trade in used medical devices, including syringes, which are repackaged and resold.

Similarly, shredders and grinders, including vial crushers, are an important support technology. They reduce the volume of waste, make it unrecognisable, and prevent unauthorised reuse. Shredding or grinding waste in a stand-alone unit, before disinfection, is not recommended because, although it increases the surface area of the waste and can make treatment easier, it can create an aerosol of infectious particles. This is known to have been the cause of disease transmission in the past (Johnson *et al.* 2000).

In addition, should a shredder or grinder break down with infectious material in it, it could represent a hazard for maintenance personnel. Some of the more complex machines incorporate an internal shredder, which can be disinfected as part of the process. Other than that, shredding and grinding should take place after disinfection.

The main treatment technologies can be classified under the following categories:

Steam based technologies

Dry heat technologies

Chemical based technologies

This document is intended as a listing of suppliers, rather than a technical reference on the technologies themselves. More in-depth understanding of how each technology functions can be found in UNEP's recent compendium on waste treatment technologies (UNEP 2012).

Steam-based technologies include autoclaves, microwaves, frictional heating and continuous steam-based treatment. These rely on steam, either at atmospheric or high pressure, to inactivate pathogens.

Autoclaves are the most commonly used of these technologies and are by far the most numerous in this inventory. These offer several advantages, especially in the low resource environment. Firstly, almost every health care facility already has autoclaves, so their engineers are familiar with them and consequently are able to operate and maintain them more easily than other technologies. In addition, it is easier to find local suppliers who can provide technical support and spare parts at need. Autoclaves are available in many different sizes, applicable to almost every situation.

Many companies offer autoclaves specifically for medical waste, and wherever possible, these are preferred. These are usually vacuum models which pump air out to enhance steam penetration and improve disinfection. However, these tend to be larger in size and relatively more expensive than standard autoclaves. They also may not be available from local suppliers. It has been demonstrated that standard gravity fed autoclaves can be validated to safely disinfect waste (Stringer *et al.* 2010a&b). The UNDP guidelines for routine challenge testing of medical waste autoclaves should be used as guidance for validation procedures (UNDP GEF 2010). No matter which model of autoclave- or other disinfection method- is chosen, routine testing of

disinfection, using the UNDP challenge testing guidelines, or a similar procedure, should be carried out to make sure that the system is still operating properly.

Dry heat technologies, like steam based technologies, operate at temperatures between 100 and 180°C, though without the agency of steam, dry heat technologies generally operate at higher temperatures than steam technologies. Above 180°C, chemical alteration and, ultimately, combustion, can occur, creating the hazardous by-products that the Stockholm Convention exists to eliminate.

Chemical based technologies mostly use chemical disinfectants. These are problematic as they will produce toxic effluents. Moreover, many of the disinfectants are proprietary, so it is not possible to understand the impacts they are likely to have on the environment. For this reason, most of the chemical technologies are excluded from this inventory. Two exceptions are ozone treatment and alkaline hydrolysis.

Ozone is a strong gaseous disinfectant and can be generated on site, avoiding the need to transport and store it. It does have to be handled carefully and workplace exposure prevented as it is harmful, but the ozone molecule consists of three oxygen atoms, and any excess left will rapidly degrade to the more stable molecule, with two atoms, which is the form normally found in the air.

Alkaline hydrolysis uses sodium or alkaline hydroxide to destroy tissues, and so is applicable for pathological waste. This can include wastes from the operating theatre or samples from the laboratory as it can also break down the formaldehyde they are often stored in. This technique will destroy the organic component of bones, leaving only the calcium-based fraction as an easily crushed “bone shadow”. It is also proven to destroy prion waste. Alkaline hydrolysis produces an effluent with a high pH and high BOD but can be discharged to sewer after neutralisation, subject to the normal consents. Finally, alkaline hydrolysis can break down some pharmaceuticals (UNEP 2012), though more research is needed on this.

REFERENCES

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Powerpoint presentation: http://www.noharm.org/lib/downloads/waste/Presentation_RStringer_Autoclave_Validation_Nepal_SIGN_2010.pdf
Conference proceedings: http://www.who.int/entity/injection_safety/toolbox/sign2010_meeting.pdf

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UNEP (2012) Compendium of Technologies for Treatment/Destruction of Healthcare Waste. Publ: UNEP, Division of Technology, Industry and Economics, International Environmental Technology Centre, Osaka, Japan, 233 pp. http://www.unep.org/ietc/Portals/136/News/Publication%20of%20Healthcare%20Waste%20compendium%20of%20technologies/Compendium_Technologies_for_Treatment_Destruction_of_Healthcare_Waste_2012.pdf

ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES

Global Inventory



HOW TO USE THIS INVENTORY

This inventory consists of several listings. The Global Inventory first contains all the companies, in alphabetical order, along with the information we have in the following categories:

- Company name
- Type of technology
- Waste treatment capacity. These are categorised by range as follows:

o Benchtop -----	Volume: <50 litres or capacity <5kg/hour
o Small to medium ---	Volume: 50-250 litres or capacity 5-25 kg/hour
o Large -----	Volume: 250-500 litres or capacity 25-50 kg/hour
o Very large -----	Volume: >500 litres or capacity >50kg/hour
- Contact details
- Locations of existing installations or countries or regions where the company sells.

To aid the user, technologies are also listed by

- (a) type and size, and
- (b) by the countries and regions in which the companies operate.

Under the listing by type, the technologies are listed in the following order:

1. Autoclaves and steam sterilisers
2. Microwaves
3. Dry heat systems
4. Other disinfection systems (alkaline hydrolysis, ozone)
5. Ancillary equipment (grinders, shredders, needle cutters)

Under the listing by country and region, it should be noted that a company listed as operating in any particular region may not be able to supply its products to all countries in that region. Countries and regions are listed together, alphabetically.

Finally, companies which provide waste treatment services are not included in this inventory.

INFORMATION UPDATES

HCWH intends to launch an online version of this inventory in the near future. This will allow for regular updating of the information.

Equipment manufacturers wishing to provide updated equipment can do so via the website at www.medwastealternatives.org or by writing to: medwastealternatives@hcwh.org

ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES

Global Inventory

LISTING BY COMPANY NAME

Accumax India

www.accumaxequipment.com

AUTOCLAVES
Benchtop
Small to medium scale

Address UG 37, Vishal Tower District Centre, Janakpuri, New Delhi, Delhi-110 058, India
Phone +91 11 46125754 / +91 11 25610036
Fax +91 11 25610036
Email accumax2000@yahoo.com / accumax2000@gmail.com

Acmas Technocracy (Pvt) Ltd.

www.acmasindia.com

AUTOCLAVES
Benchtop
Small to medium scale
Large scale

Address 312-313 Vardhman Capital Mall, Local Shopping Complex, Gulabi Bagh,
Delhi-110054, India
Phone +91 011 23643054 / +91 011 23646703 / +91 0 9717741167
+91 0 9312219738 / +91 0 9313971681 / +91 0 9350565689
Fax +91 011 23646703
Email info@acmasindia.com / sonia@acmasindia.com


 Overseas installations in / Delivers to Africa, Latin America, the Middle East and South Asia,

Advance Scientific Instruments

www.advsinstruments.com

AUTOCLAVES
Benchtop

Address 3-Abkari Road, 7-Star Plaza, New Anarkali, Lahore 54000, Pakistan
Phone +92 42 7361707
Mobile +92 323 4258307
Fax +92 42 7361707
Email info@advsinstruments.com / as_instruments@hotmail.com

 Overseas installations in / Delivers to Australia, Canada, and the USA; and to other countries in Europe, North America and Oceania

Advanced Precision Fabricators, Inc.

www.apftulsa.com

Address 7331 East Pine, Tulsa, OK 74115, USA
 Phone +1 800 843 2630 (TOLL FREE) / +1 918 8387553
 Fax +1 918 8383990
 Email contact@apftulsa.com

AUTOCLAVES

Small to medium scale
 Large scale
 Very large scale

Agrawal Brothers

www.agrawalbrothers.com

Address C-29, Metal Colony, Ambabari, Jaipur - 302 023, Rajasthan, India
 Phone +91 141 2231656 / +91 141 2231702
 Fax +91 141 2231656
 Email agarwaljpr@yahoo.co.in

AUTOCLAVES

Small to medium scale

American Scientific Resources, Inc.

www.americansci.com

Address 1112 Weston Rd., Unit 278, Weston, FL 33326, Florida, USA
 Phone +1 847 3861384
 Email mmassoglia@americansci.com

SYRINGE OR NEEDLE DESTROYERS

Anchor Autoclave Systems

www.anchorautoclave.com

Address 1729 Brittmore, Houston, TX 77043, USA
 Phone +1 713 4656851
 Fax +1 713 4659817
 Email anchorinfo@anchorautoclave.com



Delivers worldwide

AUTOCLAVES

Small to medium scale
 Large scale
 Very large scale

APS Instruments Pvt. Ltd

www.apsinstruments.com/sterilization-instruments.htm

Address C-9/36, Basement, Sector-8, Rohini, Delhi - 110085, India
 Phone +91 90 1521 9541
 +91 98 9107 1796
 Email info@apsinstruments.com
apsinstruments@gmail.com

AUTOCLAVES

Benchtop
 Small to medium scale

ARTECH Reduction Technologies

SHREDDERS OR GRINDERS

www.artechreduction.com

Head Office

Address 1218 South Service Road, Oakville - Ontario, Canada L6L 5T7
 Phone +1 905 8291350
 Fax +1 905 8291535
 Email info@artechreduction.com

UK - Regional Office

Address Unit 2, Circle South, Trafford Park Road, Manchester, UK M17 1NF.
 Phone +44 161 8771288

Spain - Regional Office

Address Joan Marti 65. Ir., 08830 Sant boi de Llobregat, Spain
 Phone +34 93 6306965

 Installations in Canada, UAE, UK and the USA; Delivers worldwide

ASCO Apothecaries Sundries Manufacturing Company

AUTOCLAVES
 Benchtop
 Small to medium scale

www.ascoindia.com

Address ASCO House, 13 Community Center, Mayapuri Phase I, New Delhi-110 064, India
 Phone +91 11 45511541 / +91 93 5099 2022
 Fax +91 11 45501028
 Email nn@ascomedical.com


 Delivers worldwide

Ashwani Diagnostic Equipments Manufacturing Co. (Ademco)

AUTOCLAVES
 Benchtop
 Small to medium scale

www.ademcoindia.com

Address 122/23, Street No. 5, Old Shanker Nagar, New Delhi 110051, India
 Phone +91 11 22094144
 Email sales@ademcoindia.com / ademco@vsnl.net

 Overseas installations in / Delivers to Canada, Germany, India, New Zealand, UK and the USA; and to other countries in Asia, Europe, North America, Oceania and South Asia

ASP

AUTOCLAVES
 Benchtop
 Small to medium scale

www.aspjj.com/us/products/sterrad-sterilization

Address 33 Technology Drive, Irvine, CA 92618 USA
 Phone +1 (888) 7837723
 Fax +1 (949) 4506800
 Email aspserve@aspus.jnj.com

Astell Scientific Ltd.

www.astell.com

Address 19-21 Powerscroft Road, Sidcup, Kent,
DA14 5DT, UK

Phone +44 208 3004311 / +44 208 3092024 / +44 208 3092023 / +44 208 3092022

Fax +44 208 3002247

Email info@astell.com / sales@astell.com

AUTOCLAVES

Benchtop
Small to medium scale
Large scale
Very large scale

i Overseas installations in / Delivers to Argentina, Austria, Bahrain, Belgium, Brazil, Brunei, Croatia, Cyprus, Czech Republic, Ecuador, Ethiopia, Germany, Hong Kong, Hungary, Iceland, India, Iraq, Ireland, Jordan, Lebanon, Libya, Lithuania, Malta, Mongolia, Nepal, Netherlands, New Zealand, Peru, Philippines, Russia, Singapore, Slovakia, Spain, Sudan, Switzerland, Syria, Thailand, Turkey, UK, Ukraine, Uruguay, Venezuela, Vietnam and Yemen; and to other countries in the Caribbean, Oceania, Europe, Asia, the Middle East, Latin America, Africa, South East Asia and South Asia

Attashi Electronics

www.indiamart.com/attashielectronics

Address No. 4726, Razia Begum Street, Hauz Qazi, New Delhi, Delhi - 110 006, India

Phone +91 9811058318

Email attashi.india@gmail.com / innov8ng@gmail.com

i Overseas installations in / Delivers to Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka and to other countries in South Asia

SYRINGE OR NEEDLE DESTROYERS

AWS Clinical Waste

www.awsclinical.com

Address AWS Clinical Waste, Suite 27, Cleveland House, 120 Bloomfield Street, Cleveland Queensland 4163, Australia

Phone +61 7 38211500

Email awsclinical1@bigpond.com

i Overseas installations in Australia, India, New Caledonia, New Zealand, Papa New Guinea, UK and the USA; Delivers worldwide

AUTOCLAVES

Benchtop
Small to medium scale
Large scale
Very large scale

Balcan Engineering Ltd.

www.balcan.co.uk

Address Balcan Engineering Ltd, Banovallum Court, Boston Road Industrial Estate, Horncastle, Lincolnshire, LN9 6JR, UK

SYRINGE OR NEEDLE DESTROYERS

BOTTLE AND VIAL CRUSHERS

Balcan Engineering Ltd. (continued)

Phone +44 1507 528500
 Fax +44 1507 528528
 Email info@balcan.co.uk

 Delivers worldwide

Bensons Surgico

www.bensonsmedical.com

Address 42, Dlf Industrial Area, Kirti Nagar,
 New Delhi - 110 015, India
 Phone +91 11 25932664 / +91 11 25158759
 Fax +91 11 25932664
 Email bensons@bensonsmedical.com / info@bensons.in

AUTOCLAVES
 Benchtop

SYRINGE OR NEEDLE DESTROYERS

Bertin Technologies

www.sterilwave.com

Address 10 Avenue Ampère - 78180
 Montigny-le-Bretonneux, France
 Phone +33 1 39 30 61 60
 Fax +33 18:181 39 30 61 85
 Email sterilwave@bertin.fr

MICROWAVE SHREDDER HYBRID
 Large scale

Bioasset Technologies Pvt. Ltd.

<http://www.bioassetequipments.in>

Address No. 213, Shree Siddhi Manora, Agashi Road,
 Virar (W), Thane, Maharashtra-401 303, India
 Phone +91 250 3058380 / +91 250 3298345
 Fax +91 250 3058380
 Email response@bioassetequipments.in / bioasset@vsnl.net

AUTOCLAVES
 Benchtop
 Small to medium scale

BioLiquidator

www.bioliqidator.com/information.html

Address 1300 E US Hwy 136 Suite J, Pittsboro, IN 46167, USA
 Phone +1 317 8925200
 Fax +1 317 9879099
 Email sam@bioresponsesolutions.com

ALKALINE HYDROLYSIS

BioMedical Technology Solutions, Inc.

DRY HEAT TREATMENT
Benchtop

www.bmtscorp.com

Address 9800 Mount Pyramid Court, Suite 250, Englewood, Colorado 80112, USA
Phone +1 866 5252687 / +1 303 6530100
Fax +1 303 6530120
Email sales@bmtscorp.com

Bio-Response Solutions Inc.

ALKALINE HYDROLYSIS

www.bioresponsesolutions.com

Address 1298 E. US Hwy 136, Suite A, Pittsboro, IN 46167, USA
Phone +1 317 8925200
Fax +1 425 4583194
Email info@bioresponsesolutions.com

BioSAFE Engineering, LLC

ALKALINE HYDROLYSIS

www.biosafeengineering.com

Address 485 Southpoint Circle Building 200,
Brownsburg, IN 46112, USA
Phone +1 888 8588099 (TOLL FREE) / +1 317 8588099
Fax +1 317 8588202
Email info@biosafeengineering.com

 Delivers worldwide

Bio Technics India

AUTOCLAVES
Benchtop
Small to medium scale

www.biotechnicsindia.com

Address 3, Vaishali Mansion Building, No. 9, Sorabji Santuk
Lane, Dhobi Talao Mumbai, Maharashtra - 400 002, India
Phone +91 22 65948121 / +91 22 64515653
Fax +91 22 2205 8121
Email biotechnic_parekh@yahoo.co.in / biotechnicsindia@gmail.com

Biotechnologies, Inc.

AUTOCLAVES
Benchtop
Small to medium scale

www.biotechnologiesinc.com

Address 202, A. B. C. Complex, 20 Veer Savarkar Block,
Madhuban Chowk Vikas Marg, New Delhi - 110 092, Delhi, India
Phone +91 11 22444021
Fax +91 98 11701133
Email bio_tin@yahoo.com / info@biotechnologiesinc.com

Bondtech Corporation

www.bondtech.net

Address 1278 Hwy 461 Somerset, KY 42503, USA
 Phone +1 800 4144231 / +1 606 6772616
 Fax +1 606 6769157
 Email elsabrown@bondtech.net

South Africa - Regional Office

Address 8 Langford Road Westville 3620
 Phone +27 31 267 9700
 Fax +27 31 267 9732
 Email compass@compass.za.net

i Overseas installations in Argentina, Australia, Canada, China, Colombia, Costa Rica, El Salvador, Guam, Korea, Mexico, Pakistan, Philippines, Puerto Rico, Qatar, Saudi Arabia, South Africa, Turkey, UAE, UK, Uruguay and the USA; Delivers worldwide

AUTOCLAVES

Small to medium scale
 Large scale
 Very large scale

SHREDDERS OR GRINDERS

Cecon Pollutech Systems (P) Limited

www.cecon.in

Address 5, Vijaypur, Kamta, Ismailganj, Faizabad Road, Lucknow - 227105, India
 Phone +91 522 2700202 / +91 522 2700203
 Fax +91 522 2386331
 Email cleanair@cecon.in

i Delivers to countries in South Asia

AUTOCLAVES

Small to medium scale

SHREDDERS OR GRINDERS

SYRINGE OR NEEDLE DESTROYERS

Celitron Medical Technologies Kft.

www.celitron.com

Address Avar Utca 5, 2600 Vác, Hungary
 Phone +36 275 12 267
 Fax +36 275 12 268
 Email info@celitron.com

AUTOCLAVES

Benchtop

AUTOCLAVE SHREDDER HYBRID

Small to medium scale

CERTOCLAV Sterilizer GmbH

www.certoclav.com

Address Georg Grinninger-Str. 37, A-4050 Traun, Austria
 Phone +43 7229 689
 Fax +43 7229 741
 Email certoclav@gruber-kaja.at / bokesch@certoclav.com

i Delivers worldwide

AUTOCLAVES

Benchtop

CISA S.p.A.www.cisagroup.it

Address Via Pontina Km 28 00040 Pomezia - Roma, Italy
 Phone +39 06 9114371
 Fax +39 06 9107565
 Email coordination.sales@cisagroup.it

AUTOCLAVES

Small to medium scale
 Large scale
 Very large scale

Clean Waste Systems, LLCwww.cleanwastesystems.com/index.html

Address 3535 Plymouth Boulevard, Suite 112 ,
 Plymouth, MN 55447, USA
 Phone +1 877 478 5195
 Email info@cleanwastesystems.com

**CHEMICAL DISINFECTION
 (OZONE) SHREDDER HYBRID:**
 Very large scale

**CMB Maschinenbau und
Handels GmbH (Christof Group)**www.christof-group.at

Address Plabutscher Straße 115, A-8051 Graz, Austria
 Phone +43 316 6855000
 Fax +43 316 6855008
 Email jch@christof-group.at

AUTOCLAVES

Small to Medium scale

SHREDDERS OR GRINDERS

 Delivers to countries in Europe

COMTEM [Steriflash ®]www.comtem.net

Address C/ Ibi, 2, Poligono Industrial Algars, 03820 Cocentaina (Alicante)
 Phone +34 965 590315
 Fax +34 965 330328
 Email comtem@comtem.net

AUTOCLAVES

Small to medium scale

Conica Enterpriseswww.scientificdealers.com/conica

Address E-21, Street No. 25, Madhu Vihar,
 I.P. Extension, Delhi - 110 092, India
 Phone +91 11 22239967
 Fax +91 11 22239967
 Email info@conicaenterprises.com

AUTOCLAVES

Benchtop
 Small to medium scale
 Large scale

Crawford Diversified Services

www.crawforddiversified.com

Address 8006 Gravois Road St. Louis,
Missouri 63123, USA
Phone +1 314 3534267
+1 866 5987801 (TOLL FREE)
Email customerservice@crawforddiversified.com

AUTOCLAVES

Benchtop
Small to medium scale
Large scale

i Delivers to countries in North America

Crusader Engineering

www.cruseng.co.nz

Address PO Box 204377, Highbrook, Manukau 2161,
Auckland, New Zealand
Phone +64 9 2740811
Fax +64 9 2749898
Email info@crusaderengineering.co.nz

AUTOCLAVES

Small to medium scale
Large scale
Very large scale

i Overseas installations in /Delivers to Australia, UK and the USA; and to countries in Europe, North America, Oania and South East Asia

D4 Surgicals Pvt. Ltd.

www.d4surgicals.com

Address 307, Samruddhi Commercial Complex,
Chincholi Bunder Road, Off Link Road,
Malad (West) Mumbai - 400 064, India
Phone +91 22 65235614
Fax +91 22 28781783
Email info@d4surgicals.com

AUTOCLAVES

Benchtop
Small to medium scale
Large scale
Very large scale

Ecodas

www.ecodas.com

Address 28 rue Sébastopol, 59100 Roubaix, France
Phone +33 3 20709865
Fax +33 3 20362805
Email contact@ecodas.com

AUTOCLAVE SHREDDER HYBRID

Small to medium scale
Large scale
Very large scale

i Delivers to countries in Africa, Asia, Europe, the Middle East, North America, Oceania and South America

Ecolotec LLCwww.ecolotec.com

Address 196 Highlands, Union Grove, AL 35175, USA
 Phone +1 256 2704322
 Fax +1 256 8374091

AUTOCLAVE SHREDDER HYBRID
 Small to medium scale

i Delivers to countries in Africa, Asia, the Caribbean, Europe and the Middle East

Ecosteryl AMBwww.ecosteryl.net

Address Avenue Wilson 622, B - 7012 Mons, Belgium
 Phone +32 65 822681
 Fax +32 65 824798
 Email sales@ecosteryl.net

MICROWAVE SHREDDER HYBRID
 Large scale
 Very large scale

Canada - Regional Office

Address 1010 Sherbrooke West, Suite 1800, Montreal (Quebec), Canada
 Phone +1 514 2861458
 Email sales.america@ecosteryl.net

i Will soon open a Regional Office in Uruguay; Delivers worldwide

Environmental Tectonics Corporation / ETC Sterilization Systemswww.etcusa.com

Address 125 James Way, Southampton, PA 18966, USA
 Phone +1 215 3559100
 Email jbucar@etcusa.com / sterilizers@etcusa.com / cciesielka@etcusa.com

AUTOCLAVES
 Small to medium scale
 Large scale

Turkey - Regional Office

Address ODTU Teknokent, Gumus Bloklar A Blok, Zemin Kat Bati
 Cephe Suit 1, 06531 ODTU Ankara, Turkey
 Phone +90 312 2101780

Environmental Waste Internationalwww.ewmc.com

MICROWAVE
 Large scale

Environmental Waste International (continued)

Address 405 Fairall Street, Ajax Ontario, L1S 1R8, Canada
 Phone +1 905 6868689 / +1 800 3992366
 Fax +1 905 4288730

i Overseas installations in / Delivers to UK and the USA; and to other countries in Europe and North America

Erdwisch Zerkleinerungs Systeme GmbH

SHREDDERS OR GRINDERS

www.erdwisch.eu

Address Kolpingstr 8-10, DE-86916 Kaufering, Germany
 Phone +49 8191 96520
 Fax +49 8191 965216
 Email info@erdwisch.de

Esteem Industries Inc.

AUTOCLAVES
 Benchtop
 Small to medium scale

www.esteem.ind.in

Address Esteem Industries Inc., 2EF, EPIP, Phase I, Jharmajri,
 Baddi, Solan - 174 103, Himachal Pradesh, India
 Phone +91 179 5271037
 Fax +91 179 5271038
 Email info@esteem.ind.in / esteem.lab@gmail.com

Australia - Regional Office

Address 2/160 Kangaroo Rd, Oakleigh, VIC 3166, Melbourne, Australia
 Phone +61 4 31579627 / +61 4 01522937 / +61 3 95304207
 Email info@esteem.ind.in / esteem.lab@gmail.com

Cyprus - Regional Office for Middle East

Address 26-28 Androkleous Street, 1061. Nicosia – Cyprus
 Phone +35 7 99357021

Bangladesh - Regional Office

Address 26-28 Androkleous Street, 1061. Nicosia – Cyprus
 Phone +88 02 7173864 / (Mobile) +88 0191 1705929
 Fax +88-02 7173864

i Overseas installations in / Delivers to Argentina, Australia, Bahamas, Bahrain, Belgium, Brazil, Chile, Cyprus, Egypt, Ghana, Ecuador, France, Germany, Greece, Indonesia, Ireland, Israel, Italy, Jamaica, Jordan, Kenya, Lebanon, Malaysia, Mauritius, Mexico, Morocco, Netherlands, Nigeria, Oman, Paraguay, Peru, Philippines, Portugal, Qatar, Singapore, Saudi Arabia, South Africa, Spain, Sri Lanka, Syria, Thailand, Trinidad, Tunisia, Turkey, UAE, UK, Uruguay, USA, Venezuela, Yemen and Zimbabwe; and to countries in Africa, the Caribbean, Europe, Latin America, the Middle East, Oceania and Southeast Asia

Everflow Scientific Instruments

www.everflowscientific.com

Address 231/298, Kilpauk Garden Road, Kilpauk, Chennai, Pin-600010, India
 Phone +91 44 26646066 / +91 44 26645708
 Fax +91 44 26645708
 Email sales@everflowscientific.com

AUTOCLAVES
 Small to medium scale

Evermed Tech Co., Ltd. (part of Rexmed Industries CO., LTD)

www.rexmed.com

Address P.O. BOX 487, Kaohsiung 800, Taiwan
 Phone +886 7 3814010
 Fax +886 7 3814013
 Email sales@rexmed.com / sales@rexmed.eu

AUTOCLAVES
 Benchtop
 Small to medium scale

Fairdeal Traders

www.fairdealtraders.com

Address 14-A, Kanshi Nagar, Model Town, Ambala City -
 134003, Haryana, India
 Phone +91 171 2520016
 Fax +91 171 2521279
 Email fairdeal16@rediffmail.com

AUTOCLAVES
 Benchtop
 Small to medium scale

Fedegari Autoclavi SPA

www.fedegari.com/default_home_EN.aspx

Address SS 235 km 8, 27010 Albuzzano, Pavia, Italy
 Phone +39 382 434111
 Fax +39 382 434150
 Email fedegari@fedegari.com

AUTOCLAVES
 Benchtop
 Small to medium scale

George K. Moss Company, Inc.

www.gkmoss.com/index.php/page/medicalwaste

Address P.O. Box 380156, Birmingham, AL 35238, USA
 Phone +1 205 4082929 / +1 800 7596677 (TOLL FREE)
 Fax +1 205 4084337
 Email via website form only

AUTOCLAVES
 Small to medium scale
 Large scale
 Very large scale

SHREDDERS OR GRINDERS

Global Corporation

www.globalpathak.com

Address A/9, Shukla Estate, Near Ajit Glass, Off.
S.V. Road. Oshiwara, Jogeshwari (west),
Mumbai - 400102, Maharashtra, India

Phone +91 22 26784399

Fax +91 22 66959625

Email jkp@gmail.com / global_corporation2000@yahoo.co.in

AUTOCLAVES

Benchtop
Small to medium scale

GPC Medical Ltd. (A unit of Global Products Corporation)

www.autoclaves-india.com

Address M Block, DDA LSC Vikas Puri, New Delhi - 110018, India

Phone +91 11 43222600

Fax +91 11 45545172

Email info@autoclaves-india.com

AUTOCLAVES

Benchtop
Small to medium scale

Grupo Athisa, Andaluza Tratamientos de Higiene SA

www.athisa.es

Address Periodista Francisco J. Cobos 18 Portal 1, 1°C

Phone +34 958 172 425

Fax +34 958 170 935

Email kbruck@athisa.es

AUTOCLAVES

Small to medium scale

Hirayama

www.hirayama-hmc.co.jp/e_top.html

Address 2-6-5 Toyono-Cho, Kasukabe-shi, Saitama
344-0014, Japan

Phone +81 48 7351242

Fax +81 48 7332384

Email info-01@hirayama-hmc.co.jp

 Delivers worldwide

AUTOCLAVES

Benchtop
Small to medium scale

HMG India

www.hmgind.com

AUTOCLAVES

Benchtop
Small to medium scale

HMG India (continued)

Address F-201, Country Park, Opp.Tata SSL Ltd. Dattapada Road,
Borivali (E) Mumbai, 400066., Maharashtra, India

Phone +91 22 28549059
+91 250 3212747

Fax +91 22 0222 8408699

Email respresponse@hmgind.com / hmgind@gmail.com

Hydroclave Systems Corp.

www.hydroclave.com

Address 662 Norris Court, Kingston, Ontario,
Canada, K7P 2R9

Phone +1 613 3898373

Fax +1 613 3898554

Email info@hydroclave.com

AUTOCLAVE SHREDDER HYBRID

Small to medium scale
Large scale
Very large scale

SHREDDERS OR GRINDERS**Hydromex Americas**

www.hydromexamericas.com

Address KILLERWATTS, 220 Puuhale Road A4
Honolulu, Hawaii 96819

Phone +1 808 5427021

Email jon@hydromexamericas.com

**CHEMICAL DISINFECTION (OZONE)
SHREDDER HYBRID:**
Very large scale

Argentina - Regional Office

Address Avenida de los Incas 4054, 1427 Buenos Aires, Argentina

i Delivers to Belgium, Ireland, Philippines, Spain, South Africa, Taiwan and Ukraine; and to other countries in Africa, Asia, Europe and Southeast Asia

Industrial Olmar, S.A.

www.olmar.com

Address Polígono de Somonte III, Parcela 1B 33393
Gijón (Asturias), Spain

Phone +34 985 321700

Fax +34 985 323831

Email comercial@olmar.com

AUTOCLAVES

Benchtop
Small to medium scale
Large scale
Very large scale

i Overseas installations in / Delivers to Argentina, Canada, Chile, China, France, Honduras, Poland, Spain, United Kingdom, USA and Uruguay; and to other countries in Asia, Europe, Latin America, and North America

Jain Hydraulics Pvt. Ltd.

www.jainhydraulics.com

Address 10066 Multani Dhanda, Street No. 1, 1st Floor, Paharganj, New Delhi - 110055, India
 Phone +91 11 23610291 / +91 11 23629689 / +91 11 23523966
 Fax +91 11 25504343
 Email info@jainhydraulics.com

AUTOCLAVE SHREDDER HYBRID
 Benchtop
 Small to medium scale
 Large scale

SHREDDERS OR GRINDERS

i Overseas installations in / Delivers to Australia, Bangladesh, Cameroon, Ivory Coast, Jordan, Kenya, Kuwait, Maldives, Mauritius, Nepal, Nigeria, Oman, Pakistan, Philippines, Saudi Arabia, South Africa, Sri Lanka, Uganda, Ukraine, USA and Yemen; and to countries in Africa, Asia, the Middle East, North America, Oceania, South Asia and Southeast Asia

Jambu Pershad & Sons

www.japson.com

Address 6275/22 Nicholson Road, G. P.O. Box No. 58, Ambala Cantt, 133001, India
 Phone +91 171 4006441 / +91 171 2602888 / +91 171 400689 / +91 171 2642197
 Fax +91 171 2602666 / +91 171 4005444
 Email japsonambala@yahoo.com / japson@gmail.com

AUTOCLAVES
 Benchtop
 Small to medium scale
 Large scale

Jiangyin Binjiang Medical Equipment Co.,Ltd (Jibimed)

en.chengyi-cn.com

Address Industrial park (Xinhua Industrial Park), Jiangyin Jiangsu, China
 Phone +86 510 86270699 / +86 510 86296768
 Fax +86 510 86270599
 Email jibimed@hotmail.com / postmaster@chengyi-cn.com

AUTOCLAVES
 Small to medium scale

Keltron Electro Ceramics Limited

www.keltronelcera.com

Address Kuttipuram P.O., Malappuram Dist, Malappuram, Kerala State, 679 571, India
 Email kozkelcera@dataone.in

SYRINGE OR NEEDLE DESTROYERS

Khera Exim Instruments Pvt. Ltd.www.kheraexim.com

Address 02, Aradhna Bhawan, Commercial Complex,
Azadpur, New Delhi - 110033, India
Phone +91 11 27671481 / +91 11 27675805
Fax +91 11 27035117
Email khera@del3.vsnl.net.in / naveenkumarkhera@yahoo.co.in

AUTOCLAVES
Small to medium scale

Komar Industrieswww.komarindustries.com

Address 4425 Marketing Place, Groveport,
OH 43125 USA
Phone +1 614 8362366
Fax +1 614 8369870

AUTOCLAVE SHREDDER HYBRID
Benchtop
Small to Medium scale
Large scale

SHREDDERS OR GRINDERS

Life Steriwarewww.indiamart.com/lifesteriware

Address No. 77-A/18, Dilshad Garden, Industrial
Area, New Delhi, Delhi - 110 095, India
Phone +91 11 45657577
+91 11 22130382
Fax +91 11 43584602

AUTOCLAVES
Benchtop

STEAM STERILIZER
Benchtop

Logmed Cooperation GmbHwww.logmed-coop.de

Address Daniel-Vorländer-Straße 8, D-06120
Halle (Saale), Germany
Phone +49 345 4780230
Fax +49 345 4780233
Email info@logmed-coop.de

CONTINUOUS STEAM TREATMENT
Large scale
Very large scale

Machinfabrikwww.machinfabrik.com

Address R/90,Rabale-MIDC, Thane Belapur Road,
TTC Industrial Area, Navi Mumbai, India
Phone + 91 22 67368200
Fax + 91 22 67368200
Email pharma@machinfabrik.com

AUTOCLAVES
Benchtop
Small to medium scale

Manish Scientific Instruments Company

www.manishscientific.com

Address No. 83, Jothi Complex, M. K. N. Road, Guindy,
Chennai - 600 032, Tamil Nadu, India
Phone +91 44 2233 0421
Fax +91 44 2233 0421
Email sales@manishscientific.in

AUTOCLAVES
Benchtop

 Delivers to countries in South Asia, the Middle East, Asia and Southeast Asia

Market Forge Industries, Inc.

www.mfii.com

Address Market Forge Industries, 35 Garvey Street, Everett, MA 02149, USA
Phone +1 617 3874100 / +1 866 6983188
Fax +1 800 2272659
Email CUSTSERV@mfii.com

AUTOCLAVES
Small to medium scale

Mark-Costello Co.

www.mark-costello.com

Address 1145 East Dominguez Street, Carson,
California 90746, USA
Phone +1 310 637 1851
+1 619 582 9083
Fax +1 310 762 2330
Email <http://mark-costello.com/contact.shtml>

AUTOCLAVES
Small to medium scale
Large scale
Very large scale

SHREDDERS OR GRINDERS

 Overseas installations in / Delivers to Mexico and other countries in Latin America

Matachana

www.matachana.com

Address Almogávares, 174, 08018 Barcelona, España
Phone +34 933 008504
Fax +34 934 854354
Email int@matachana.com

AUTOCLAVES
Benchtop
Small to medium scale
Large scale
Very large scale

 Delivers to Angola, Argentina, Brazil, Chile, China, Colombia, Costa Rica, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Iraq, Jordan, Kenya, Libya, Malaysia, Norway, Panama, Portugal, Slovakia, Spain, Turkey, Venezuela, and Vietnam; and to other countries in Africa, Asia, Europe, Latin America, the Middle East and Southeast Asia

McGill AirPressure LLCwww.mcgillairpressure.com

Address 1777 Refugee Rd., Columbus,
OH 43207, USA
Phone +1 614 8291200
Fax +1 614 4458759
Email isales@mcgillairpressure.com

AUTOCLAVES
Small to medium scale
Large scale
Very large scale

MedClean Tech Inc.www.medcleantechnologies.com

Address 3 Trowbridge Drive, Bethel, Connecticut
06801, USA
Phone +1 651 6531854
Email dlaky@medcleantechnologies.com

AUTOCLAVES
Small to medium scale
Large scale
Very large scale

MedFreshe / Narula Exportswww.narulaexports.com

Address Marketing Office, Narula's Tower-II 2 & 3,
Central Market, Punjabi Bagh (West)
New Delhi – 110026, India
Phone +91 11 4545 999 / +91 11 2522 4102 /
+91 11 2522 3873
Fax +91 11 2322 8702
Email hrn@narulaexports.com / medfreshe@narulaexports.com

AUTOCLAVES
Benchtop
Large scale

AUTOCLAVE SHREDDER HYBRID
Small to medium scale

Medical Innovations, Inc.www.medicalinnovationsinc.com/sharps.html

Address 1590 Concord St., Framingham, MA 01701, USA
Phone +1 508 3588099
Fax +1 508 3582131
Email info@MedicalInnovationsInc.com

DRY HEAT ENCAPSULATION HYBRID
Benchtop

MediCare Products Inc.www.medicareproduct.com/

Address C-53/A, Mansarover Garden, New Delhi -110015, India
Phone +91 11 25419828 / +91 11 65471500
Fax +91 11 25917885 / +91 11 25105287
Email mail@medicareproduct.com / mcpeti@vsnl.com

SYRINGE OR NEEDLE DESTROYERS

Medi-clave (Pty.) Ltd.www.medi-clave.co.za

Address Office 1, Hannyhof Centre, Cnr van der Hoff & Elsa, Pretoria Gardens, 0082, South Africa

AUTOCLAVES

Small to medium scale
Large scale
Very large scale

Medivacwww.medivac.com.au

Address Unit 8, Lot 1B Kleins Road, Northmead, NSW Australia 2152
Phone +61 2 96300633
Fax +61 2 96300533
Email info@medivac.com.au

AUTOCLAVE SHREDDER HYBRID

Large scale

CHEMICAL DISINFECTION (OZONE) SHREDDER HYBRID

Very large scale

Melco Steel, Inc.www.melcosteel.com

Address 1100 W. Foothill Blvd., Azusa, CA 91702, USA
Phone +1 626 3347875
Fax +1 626 3346799
Email info@melcosteel.com

AUTOCLAVES

Large scale
Very large scale

Mercodorwww.mercodor.de/International/uk.html

Address Bonameser Str. 44, 60433 Frankfurt/Main, Germany
Phone +49 69 515029
Fax +49 69 95294557
Email info@mercodor.de



Delivers worldwide

SHREDDERS OR GRIDERS**BOTTLE AND VIAL CRUSHERS****Meteka GmbH**www.meteka.com

Address A-8750 Judenburg, Viktor-Kaplan-Straße 7, Austria
Phone +43 3572 85166
Fax +43 3572 851666
Email info@meteka.com

MICROWAVES

Small to medium scale

Miclo Environnement

www.miclo-environnement.fr/gb/dechets-hospitaliers.html

Address 1 Rue Pierre PFLIMLIN, ZA Actipolis 3, 68390 Sausheim, France
 Phone +33 3 893 168 50
 Fax +33 3 896 199 87
 Email nmiclo@wanadoo.fr

AUTOCLAVE SHREDDER HYBRID

Large scale
 Very large scale

Micro-Waste Corporation

www.micro-waste.com

Address 3006 SE Loop 820 Fort Worth, TX 76140, USA
 Phone +1 817 370 2426
 Email TABollinger@Micro-Waste.com
RABollinger@Micro-Waste.com

MICROWAVES

Very large scale

Narang Medical Limited

www.narang.com

Address Narang Tower, 46 Community Centre, Naraina
 Ph-I, New Delhi - 110028, India
 Phone +91 11 45554000 / +91 11 25892020
 Fax +91 11 45554001 / +91 11 25892026
 Email NET@narang.com

AUTOCLAVES

Benchtop
 Small to medium scale

SYRINGE OR NEEDLE DESTROYERS

Narang Scientific Works

www.nsw-india.com/

Address GI-111, Mayapuri Industrial Area, Phase-2,
 New Delhi - 110 064, India
 Phone +91 11 28112608 / +91 11 28111589 / +91 11 28112487
 Fax +91 11 28112608
 Email sales@nsw-india.com

AUTOCLAVES

Benchtop
 Small to medium scale

National Scientific

www.nationalscientific.com

Address 197 Cardiff Valley Road, Rockwood, TN 37854, USA
 Phone +1 800 3323331
 Fax +1 865 3544616
 Email mcservice@nationalscientific.com

BOTTLE AND VIAL CRUSHERS

Naugra TM.

www.naugraexport.com

Address 6148/6, Guru Nanak Marg, Ambala Cantt,
Haryana, India
Phone +91 98 96600003
Fax +91 171 2607146
Email sales@naugraexport.com

Australia - Regional Office

Address Unit-55/213-215 Bridge Gardens, Bridge Rd., Glebe -
2037, Sydney (NSW), Australia
Email sales.au@naugraexport.com

AUTOCLAVES

Benchtop
Small to medium scale

Navyug Udyog

www.navyugudyog.com/

Phone +91 94 1602 8014
Email info@navyugudyog.com

AUTOCLAVES

Benchtop
Small to Medium scale

Neelam Industries

www.neelampharmamech.com

Address Plot No. 3735, Behind New Nirma, Phase IV,
G. I. D. C., Vatva, Ahmedabad, Gujarat, India
Phone +91 79 25840049 / +91 79 25842653
+91 79 55237536
Fax +91 79 25842894
Email neelam@neelampharmamech.com / chiku_chirag2001@yahoo.com

AUTOCLAVES

Benchtop
Small to medium scale

Newster Srl & Tecno Service First Srl

www.newster.sm

Address Via Dei Dativi 35/37 47899 Serravalle (R.S.M.), Italy
Phone +378 0549 960576
Fax +378 549 960585
Email adm@newster.sm / market@newster.sm

FRictional HEAT

Small to medium scale



Overseas installations in / Delivers to Albania, Belarus, Brazil, Bulgaria, Croatia, Dominican Republic, Egypt, Estonia, Greece, Hungary, Iran, Italy, Kazakistan, Paraguay, Poland, Romania, Russia and Uruguay; and to other countries in Asia, the Caribbean, Europe, Latin America and the Middle East

Obromax TM.www.opbrothers.com

Address 312, Vardhman Capital Mall, Plot No. 10
Local Shopping Complex Gulabi Bagh,
Delhi - 110 052, India

Phone +91 11 22942133
+91 11 22943508

Fax +91 11 23646703

Email info@opbrothers.com / sales@opbrothers.com /
obromax@yahoo.com

AUTOCLAVES

Small to medium scale
Large scale
Very large scale

**OMPECO Officine
Meccaniche Pejrani srl**www.ompeco.com

Address Strada Moncalieri 99/36, Frazione Tetti
Caglieri, 10048 Vinovo, Torino, Italy

Phone +39 11 9935111

Fax +39 11 9935133

Email info@ompeco.com

FRICIONAL HEAT

Benchtop
Small to medium scale
Large scale
Very large scale

i Overseas installations in / Delivers to Russia, Venezuela, Kazakhstan,
Romania, Bulgaria, Brazil, Mexico, Chile and South Africa; and to other
countries in Africa, Asia, Europe and Latin America

OnSite Sterilization, LLCwww.askonsite.com

Address 319 Commerce Court, Suite 103
Pottstown, PA 19464, USA

Phone +1 610 4958214

Fax +1 610 4958215

Email justina@askonsite.com / blewis@askonsite.com

AUTOCLAVES

Small to medium scale
Large scale
Very large scale

Oppici S.A.www.oppici.cl

Address Vicuña Mackenna N° 98, Providencia,
Santiago, Chile

Phone +56 2 7990450

Fax +56 2 7990457

Email ventasgastronomicas@oppici.cl
ventasclinicas@oppici.cl

AUTOCLAVES

Benchtop
Small to medium scale
Large scale
Very large scale

Optima

www.optima-engineering.com

Address Keresteciler Sanayi Sitesi, 3. Cadde No:8
Saray 06980, Kazan / ANKARA

Phone +90 312 815 15 00

Fax +90 312 815 12 98

Email optima@optima.tc

AUTOCLAVE SHREDDER HYBRID
Large scale
Very large scale

SHREDDERS OR GRINDERS

Ozonator Industries Ltd.

www.ozonatorindustries.com

Address 1850 Industrial Drive, P.O. Box 26030, Regina, Saskatchewan, Canada, S4R 8R7

Phone +1 306 791 0900

Fax +1 306 791 0905

Email GlobalSales@OzonatorIndustries.com

CHEMICAL DISINFECTION (Ozone)

Positive Impact Waste Solutions, Inc.

www.piwsinc.com

Address 601 S. Pagewood, Odessa, Texas 79761, USA

Phone +1 432 5805885 / +1 888 5507497 (TOLL FREE)

Fax +1 432 5806886

Email solution@piwsinc.com

CHEMICAL DISINFECTION
SHREDDER HYBRID
(Calcium Oxide based disinfectant):
Small to medium scale
Very large scale

Preci-Tech India

www.preci-techindia.com/index.html

Address 207 Bahnu Enclave, Opp. ICICI Bank, Dr A.S.
Rao Nagar, Secunderabad, 500062 India

Phone +91 40 4011 9970

Email info@prei-tech-techindia.com

AUTOCLAVES

SHREDDERS OR GRINDERS

SYRINGE OR NEEDLE DESTROYERS

PriBio-Progressive Recovery, Inc.

www.pri-bio.com

Address 700 Industrial Drive, Dupo, IL 62239, USA

Phone +1 618 2865000

Fax +1 618 2865009

Email decontaminationsystemssales@progressive-recovery.com

ALKALINE HYDROLYSIS



Supplies systems to meet the requirements of Africa, Asia, Australia, Canada, China, Europe, India, North America and South America

Pulse Pharma

www.pulsemedika.com

Address 212, Ashirwad Commercial Complex, D-1,
Green Park, New Delhi - 110016, India
Phone +91 11 26863503 / +91 11 26510356
Fax +91 11 26968517 / +91 11 26868041
Email pulse@promedgroup.com

MICROWAVES
Small to medium scale

SYRINGE OR NEEDLE DESTROYERS

Quanzhou Lizhong Food Machinery Co., Ltd.

www.food-machinery.com

Address Jiangnan Hi-Tech Industrial Zone, Licheng District Quanzhou City,
Fujian Province China (Mainland) 362000, China
Phone +86 595 2235 0867
Fax +86 595 2246 9799

AUTOCLAVES
Large scale
Very large scale

Rajas Enterprises, India

www.rajasenterprises.com

Address Nanhera Chowk, Nanhera, Post Office
Kuldeep Nagar, Ambala-133 004, India
Phone +91 171 2611337 / +91 171 2610397
Fax +91 171 2610404
Email rajasenterprises@hotmail.com / rajasenterprises@rediffmail.com

AUTOCLAVES
Benchtop
Small to medium scale

Ranger Production Company Ltd.

www.eranger.com/The-eRanger-Bikes/Needle-Cutter.aspx

Address Belvedere House, Victoria Avenue, Harrogate, Yorkshire, HG1 1EL, UK
Phone +44 1327 300813
Fax +44 1327 300814
Email info@eranger.com

South Africa - Regional Office

Address 4 Berkhout Street, Sweetwaters, King William's Town,
P.O. Box 8, King William's Town 5600
Phone +27 040 6543207 / +27 040 6543208 / +27 040 6543209
Fax +27 086 6517673 R192
Email info@eranger.co.za

 Overseas installations in / Delivers to South Africa and UK;
and to other countries in Africa and Europe

SYRINGE OR NEEDLE DESTROYERS

RedBag Solutions

www.redbag.com

Address 3431 Benson Avenue, Suite 100, Baltimore,
MD 21227, USA
Phone +1 443 5244245
Fax +1 443 5244250
Email info@redbag.com

AUTOCLAVE SHREDDER HYBRID
Small to medium scale
Large scale
Very large scale

CHEMICAL DISINFECTION (Ozone)
SHREDDER HYBRID

Reimers Electra Steam, Inc.

www.reimersinc.com/app_5.htm

Address P.O. Box 37, 4407 Martinsburg Pike,
Clear Brook, Virginia 22624, USA
Phone +1 540 6623811
+1 800 8727562 (TOLL FREE)
Fax +1 540 6658101
Email sales@reimersinc.com

AUTOCLAVES
Small to medium scale

Reliance Instruments Corporation

www.relianceinstruments.com

Address 1986, H - BLOCK, 5th Street, 12th Main Road,
Anna Nagar (west) Chennai. Tamilnadu, India
Phone +91 44 26161920
Fax +91 44 26161920
Email reico@relianceinstruments.com

AUTOCLAVES
Benchtop
Small to medium scale
Large scale
Very large scale

Relloy S.A. (Pty) Ltd.

www.relloy.co.za

Address 27 Mopedi Road, Sebenza, Edenvale, 1609, Gauteng, South Africa
Phone +27 11 4523724
Fax +27 11 4524722
Email relloy@icon.co.za

SHREDDERS OR GRINDERS

REXMED Industries Co., Ltd.

www.rexmed.com

AUTOCLAVES
Benchtop
Small to medium scale

REXMED Industries Co., Ltd. (continued)

Address 13F, No. 1-31~32 Kuojian Road, Cianjhen
District, Kaohsiung 80672, Taiwan
Phone +886 7 3814010
Fax +886 7 3814013
Email sales@rexmed.com / sales@rexmed.eu

S&G Enterprises, Inc.

www.ramflat.com/vyleater.html

Address 1115 W19000 Edison Drive, Germantown,
WI 53022, USA
Phone +1 888 7263528 (TOLL FREE)
+1 262 2518300
Fax +1 262 2511616
Email info@ramflat.com / info@vyleater.com

BOTTLE AND VIAL CRUSHERS

SafeWaste Inc.

www.safewaste.net

Address 140 Wooster Pike, Milford, OH 45150, USA
Phone +1 513 2480022
Fax +1 513 2481094
Email safewaste22@aol.com

AUTOCLAVES
Small to medium scale

**Sandeep Instruments
and Chemicals**

Address 3229, RANJIT NAGAR, Delhi, Delhi &
NCR-110008, India
Phone +91 11 64550982 / +91 11 25843541

AUTOCLAVES
Benchtop

San-I-Pak, Inc.

www.sanipak.com

Address 23535 South Bird Road, Tracy,
CA 95304, USA
Phone +1 209 8362310
Fax +1 209 8362336
Email info@sanipak.com

AUTOCLAVES
Small to medium scale
Large scale
Very large scale

SHREDDERS OR GRINDERS

Sanitec Industrieswww.sanitecind.comMICROWAVE SHREDDER HYBRID
Very large scale

Address 4535 W.Valerio Street, Burbank, California 91505, USA
 Phone +1 818 5655566
 Fax +1 818 5650035
 Email info@sanitecind.com

Sanqishi Medical & Pharmaceutical Co., Ltd.www.11862.tradebig.comAUTOCLAVES
Benchtop

SYRINGE OR NEEDLE DESTROYERS

Address 172# Anjie East Rd, Sanqishi Town,
 Yuyao, China Yuyao, China
 Phone +86 574 62935616

SANYO Electric Biomedical Co. Ltd.us.sanyo.com/biomedicalAUTOCLAVES
Small to medium scale

Address 2055 Sanyo Avenue, San Diego, CA 92154, USA
 Phone +1 619 6611134
 Fax +1 619 6616795
 Email info@sna.sanyo.com

Sazgarwww.sazgarmed.comAUTOCLAVE SHREDDER HYBRID
Large scale

Address No. 457, Gharehtapeh Station Shahriar Road,
 Shahriar Tehran, Iran P.O. Box 33515-198, Tehran, Iran
 Phone +98 21 652 90 130 - 9
 Fax +98 21 652 90 130 - 9
 Email info@sazgarmed.com

Shambhavi Impexwww.shambhaviimpex.comAUTOCLAVES
Small to medium scale

Address 108, NECO Chamber, 1st Floor, Plot No. 48, Sector - 11,
 CBD, Belapur, Navi Mumbai - 400 614, Maharashtra, India
 Phone +91 22 40125628 / +91 22 40125629 / +91 22 65114923
 Fax +91 22 40125630
 Email info@shambhaviimpex.com

Shiv Dial Sud & Sons

www.shivsons.com

Address 23, Industrial Estate, Ambala Cantt-133006, Haryana, India
 Phone +91 171 2699537 / +91 171 2699297 / +91 171 2699903
 Fax +91 171 2699637 / +91 171 2699154
 Email shivsons@vsnl.com / ajay@shivsons.com

AUTOCLAVES
Benchtop

Silcon Ambiental Ltd.

www.silcon.com.br

Address Rua Bela Cintra, 986 - cj 32, 01415-906 -
 Consolação, São Paulo - SP, Brasil
 Phone +55 11 21285777
 Email silcon@silcon.com.br

AUTOCLAVES
Large scale

Skylab Instruments & Engineering PVT. LTD.

www.skylabinstrument.net

Address Labtop House ,Plot no. 59, Opp Amarson, Near IPOL, Walive Phata,
 Sativali Vasai (E), Dist. Thane-401208 Maharashtra, India
 Phone +91 250 6457376 / +91 250 2481431 / +91 250 2481428
 +91 250 6454661 / +91 250 6516378 / +91 250 6525838
 Fax +91 250 2481505
 Email response@skylabinstrument.net

SYRINGE OR NEEDLE DESTROYERS

i Overseas installations in / Delivers to Syria, Lebanon, India, Philippines, Dominican Republic, Pakistan, Sri Lanka, UK, Netherlands and Australia; and to other countries in the Middle East, South Asia, sthe Caribbean, Europe and Oceania

SSI Shredding Systems

www.ssiworld.com

Address 9760 SW Freeman Dr., Wilsonville,
 OR 97070, USA
 Phone +1 503 6823633
 Fax +1 503 6821704
 Email sales@ssiworld.com

SHREDDERS OR GRINDERS

Stericycle, Inc.www.stericycle.com

Address 28161 N. Keith Drive Lake Forest, IL 60045, USA
 Phone +1 847 367 5910
 Fax +1 847 367 9493

AUTOCLAVES
 Large scale
 Very large scale

Steridium Pty Ltd.www.steridium.com

Address PO Box 5296 Q Super Centre
 Queensland, 4218 Australia
 Phone +61 7 55 931 352
 Fax +61 7 55 931 876
 Email sales@steridium.com

AUTOCLAVES
 Benchtop
 Large scale
 Very large scale

Sterigerms Francewww.sterigerms.com

Address BP 27, 26600 La Roche de Glun, France
 Phone +33 4 90 11 37 35
 Fax +33 4 90 11 37 30
 Email contact@sterigerms.com

DRY HEAT TREATMENT
 Benchtop
 Small to medium scale

Sterile Technologies Industries, Inc.www.stibiosafe.com

Address 63 Park Rd P.O. Box 4742, Queensbury, NY 12804, USA
 Phone +1 518 7937077
 Fax +1 518 7938357
 Email mail@steriletech.com

AUTOCLAVE SHREDDER HYBRID
 Small to medium scale
 Large scale
 Very large scale

Steriliser Services Ltd.www.steriliserservices.co.nz

Address PO Box 220, Albany Village, Auckland, New Zealand
 Phone +64 9 4158840
 Fax +64 9 4158840
 Email mike@steriliserservices.co.nz

AUTOCLAVES
 Benchtop
 Small to medium scale

Sterilisers New Zealand Ltd.

www.sterilisersnz.com

Address 17 Lorien Place, East Tamaki, PO Box 58-094
Greenmount, Auckland, New Zealand

Phone +64 9 2746950

Fax +64 9 2749898

AUTOCLAVE SHREDDER HYBRID

Small to medium scale

Large scale

Very large scale

Sterishred GmbH

www.sterishred.com

Address Hürtimattstrasse 30, CH - 6353 Weggis, Switzerland

Phone +41 41 340 81 28

Fax +41 41 340 81 27

Email info@sterishred.com / service@sterishred.com

AUTOCLAVE SHREDDER HYBRID

Small to medium scale

Swingstar

www.swingstargroup.com

Address 6/15, Indira Nagar Soc, Vashinaka, R.C.Marg,
Chembur, Mumbai - 400 07, Maharashtra, India

Phone +91 22 65275279

Fax +91 22 25545434

+91 22 25111217

Email info@swingstargroup.org

AUTOCLAVES

Benchtop

Small to medium scale

Large scale

Very large scale

Systemec GmbH Labor- Systemtechnik

www.systemec-lab.com

Address Sandusweg 11, D-35435 Wettenberg, Germany

Phone +49 641 982110

Fax +49 641 9821121

Email info@systemec-lab.com

AUTOCLAVES

Benchtop

Small to medium scale

Large scale

Very large scale

Tempico Inc.

<http://www.tempico.com>

Address 1700 West Church Street, Suite C,
Hammond, LA 70401, USA

Phone +1 985 4299929

Fax +1 985 4299740

Email tempico@tempico.com

AUTOCLAVE SHREDDER HYBRID

Small to medium scale

Large scale

Very large scale



Delivers worldwide

The Mark-Costello Co.

(please see entry under Mark-Costello Co.)

Tianjin GreenTech Environmental Technology Co., Ltd.

tjgreentech.com/en

Address Tianjin Nankai Science Park, Tianjin Municipality in North West Tsing District Industrial Park (North Park) Star Road on the 26th 300380 China

Phone +86 22 2798 5222

Fax +86 22 2798 5111

AUTOCLAVES

MICROWAVES

SHREDDERS OR GRINDERS

TTM Technologie Transfer Marburg e. V.

www.ttm-germany.de

Address Auf der Kupferschmiede 1 - D-35091 Cölbe / Germany

Phone +49 6421 87373-0

Fax +49 6421 87373-7

Email Contact form on website

 Delivers to countries in Africa, Asia, Latin America and Eastern Europe

AUTOCLAVES

Small to medium scale

Tuta Healthcare

www.tuta.com.au/IRM/content/home.html

Address Level 17, 275 Alfred Street, North Sydney, NSW 260, Australia

Phone +61 2 94665300

Fax +61 2 99227165

Email info@medaust.com

SYRINGE OR NEEDLE DESTROYERS

Tuttnauer

www.tuttnauer.com

Address Paardeweide 36, 4824 EH Breda, The Netherlands

Phone +31 76 5423510

Fax +31 76 5423540

Email info@tuttnauer.nl

AUTOCLAVES

Small to medium scale

Large scale

Very large scale

Tuttnauer (continued)

USA - Regional Office

Address 25 Power Drive Hauppauge, NY, 11788, USA
 Phone +1 631 7374850 / +1 800 6245836 (TOLL FREE)
 Fax +1 631 7370720
 Email info@tuttnauer.com

 Also has a regional office in India

UNTHA

SHREDDERS OR GRINDERS

[www.untha.co.uk/waste-shredders/
additional-applications/](http://www.untha.co.uk/waste-shredders/additional-applications/)

Address UNTHA UNTHA UK LTD, Excel House, Becklands Close, Bar Lane,
Roecliffe, Boroughbridge, YO51 9NR, York, United Kingdom,
 Phone +44 845 450 5388
 Fax +44 845 450 5389
 Email sales@untha.co.uk

Vecoplan, LLC

SHREDDERS OR GRINDERS

www.vecoplanllc.com

Address P.O. Box 7224, High Point, NC 27264, USA
 Phone +1 336 8616070
 Fax +1 336 8614329
 Email vecoplan@LLC.com

**WEBECO Hygiene in Medizin
und Labor GmbH & Co. KG**

AUTOCLAVES
 Small to medium scale
 Large scale
 Very large scale

www.webeco.de/index.php?id=163

Address An der Trave 14, D-23923 Selmsdorf, Germany
 Phone +49 451 280720
 Fax +49 451 2807231
 Email export@webeco.de / webeco-kundendienst@webeco.de
 webeco-marketing@webeco.de

**Wisconsin Aluminum
Foundry Co.**

AUTOCLAVES
 Benchtop

www.allamerican-chefsdesign.com

Address 838 S. 16th Street, Manitowoc, WI, USA
 Phone +1 920 6828286
 Fax +1 920 6827285
 Email inquiries@wafco.com

WSF Industries, Inc.www.wsf-inc.com/Sterilizers.htm

Address WSF Industries, Inc., 7 Hackett Dr.,
Tonawanda, NY 14150, USA

Phone +1 800 8748265 (TOLL FREE) / +1 716 6924930

Fax +1 716 6924135

Email sales@wsfindustries.com

AUTOCLAVES
Small to medium scale
Large scale
Very large scale

Yamato Scientific Co., Ltd.www.yamato-net.co.jp/english/

Fax +81 3 32316523

Email english-website@yamato-net.co.jp

AUTOCLAVES
Benchtop
Small to medium scale

Yiwu Shi Kang Medical Equipment CO., LTD.nbxhl.en.ecplaza.net/

Address Jiangdong Road, Nianxi, Yiwu City, Zhejaing, China 222000

Phone +86 0579 83803488

Fax +86 0579 85183271

SYRINGE OR NEEDLE DESTROYERS

YOMA Indian Instruments Manufacturing Companywww.iimco.com/

Address 208, Bipin Behari Ganguly Street,
(Bowbazar Street), Calcutta - 700012, India

Phone +91 33 22411848 / +91 33 7257 /
+91 33 5969 / +91 33 9349

Fax +91 33 2415970

Email iimc@cal.vsnl.net.in

AUTOCLAVES
Benchtop
Small to medium scale

Zealway (Xiamen) Instrument Inc.zealway.com.cn

Address 136-138#, jiu tian hu west 2nd Road Xinglin Industrial
Zone, Jimei District Xiamen, China

Phone +86 592 779 2033

Fax +86 592 261 5099

Email sales@zealway.com.cn

AUTOCLAVES
Small to medium scale

ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES

Global Inventory

LISTING BY TECHNOLOGY TYPE

AUTOCLAVES AND STEAM STERILISERS

Accumax India
 Acmas Technocracy (Pvt) Ltd.
 Advance Scientific Instruments
 Advanced Precision Fabricators, Inc.
 Agrawal Brothers
 Anchor Autoclave Systems
 APS Instruments Pvt. Ltd
 ASCO Apothecaries Sundries
 Manufacturing Company
 Ashwani Diagnostic Equipments
 Manufacturing Co. (Ademco)
 ASP
 Astell Scientific Ltd.
 AWS Clinical Waste
 Bensons Surgico
 Bio Technics India
 Bioasset Technologies Pvt. Ltd.
 Biotechnologies Inc
 Bondtech Corporation
 Cecon Pollutech Systems (P) Limited
 Celitron Medical Technologies Kft.
 CERTOCLAV Sterilizer GmbH
 CISA S.p.A.
 COMTEM [Steriflash ®]
 Conica Enterprises
 Crawford Diversified Services
 Crusader Engineering
 D4 Surgicals Pvt. Ltd.
 Ecodas
 Ecolotec LLC.
 Environmental Tectonics Corporation /
 ETC Sterilization Systems
 Esteem Industries Inc
 Everflow Scientific Instruments
 Evermed Tech Co., Ltd.
 (part of Rexmed Industries CO., LTD)
 Fairdeal Traders
 Fedegari Autoclavi SPA
 George K. Moss Company, Inc.
 Global Corporation
 GPC Medical Ltd.
 (A unit of Global Products
 Corporation)
 Grupo Athisa, Andaluza Tratamientos
 de Higiene SA
 Hirayama
 HMG India
 Hydroclave Systems Corp
 Industrial Olmar, S.A.
 Jain Hydraulics Pvt. Ltd.
 Jambu Pershad & Sons
 Jiangyin Binjiang Medical
 Equipment Co.,Ltd (Jibimed)
 Khera Exim Instruments Pvt. Ltd.
 Komar Industries
 Life Steriware
 Logmed Cooperation GmbH
 Machinfabrik
 Manish Scientific Instruments Company
 Mark-Costello Co
 Market Forge Industries, Inc.
 Matachana

McGill AirPressure LLC
 MedClean Tech Inc.
 MedFreshe / Narula Exports
 Medi-clave (Pty.) Ltd.
 Medivac
 Melco Steel, Inc.
 Miclo Environnement
 Narang Medical Limited
 Narang Scientific Works
 Naugra TM.
 Navyug Udyog
 Neelam Industries
 Obromax TM.
 OnSite Sterilization, LLC
 Oppici S.A.
 Optima
 Preci-Tech India
 Quanzhou Lizhong Food
 Machinery Co., Ltd.
 Rajas Enterprises, India
 RedBag Solutions
 Reimers Electra Steam, Inc.
 Reliance Instruments Corporation
 REXMED Industries Co., Ltd.
 SafeWaste Inc.
 San-I-Pak, Inc.
 Sandeep Instruments and Chemicals
 Sanqishi Medical &
 Pharmaceutical Co., Ltd.
 SANYO Electric Biomedical Co. Ltd.
 Sazgar
 Shambhavi Impex
 Shiv Dial Sud & Sons
 Silcon Ambiental Ltd.
 Stericycle, Inc.
 Steridium Pty Ltd.
 Sterile Technologies Industries, Inc.
 Steriliser Services Ltd.
 Sterilisers New Zealand Ltd.
 Sterishred GmbH
 Swingstar
 Systemc GmbH Labor-Systemtechnik
 Tempico Inc.

Tianjin GreenTech Environmental
 Technology Co., Ltd.
 TTM Technologie Transfer Marburg e.V.
 Tuttnauer
 WEBECO Hygiene in Medizin und
 Labor GmbH & Co. KG
 Wisconsin Aluminum Foundry Co.
 WSF Industries, Inc.
 Yamato Scientific Co., Ltd.
 YOMA Indian Instruments
 Manufacturing Company
 Zealway (Xiamen) Instrument Inc.

MICROWAVES

Microwaves

CMB Maschinenbau und Handels GmbH
 (Christof Group)
 Environmental Waste International
 Meteka GmbH
 Micro-Waste Corporation
 Pulse Pharma
 Tianjin GreenTech Environmental
 Technology Co., Ltd.

Microwave Shredder Hybrid

Bertin technologies
 Ecosteryl AMB
 Sanitec Industries

DRY HEAT SYSTEMS

Dry Heat

BioMedical Technology Solutions, Inc.
 Sterigerms France

Dry Heat Encapsulation Hybrid

Medical Innovations, Inc.

Frictional Heat

Newster Srl & Tecno Service First Srl
 OMPECO Officine Meccaniche Pejrani srl

OTHER DISINFECTION SYSTEMS

Alkaline Hydrolysis

Bio-Response Solutions Inc.
BioLiquidator
BioSAFE Engineering, LLC
PriBio - Progressive Recovery, Inc.

Calcium Oxide-based Disinfectant

Positive Impact Waste Solutions, Inc.

Ozone

RedBag Solutions
Ozonator Industries Ltd.
Medivac
Hydromex Americas

ANCILLARY EQUIPMENT

Grinders & Shredders

ARTECH Reduction Technologies
Bondtech Corporation
Cecon Pollutech Systems (P) Limited
CMB Maschinenbau und Handels GmbH
(Christof Group)
Erdwich Zerkleinerungs Systeme GmbH
George K. Moss Company, Inc.
Hydroclave Systems Corp
Jain Hydraulics Pvt. Ltd.
Komar Industries

Mark-Costello Co
Mercodor
Optima
Preci-Tech India
Relloy S.A. (Pty) Ltd.
San-I-Pak, Inc.
SSI Shredding Systems
UNTSHA
Vecoplan, LLC

Needle Cutters (Syringe or Needle Destroyers)

Preci-Tech India
American Scientific Resources, Inc
Attashi Electronics
Balcan Engineering Ltd.
Bensons Surgico
Keltron Electro Ceramics Limited
MediCare Products Inc.
Narang Medical Limited
Pulse Pharma
Ranger Production Company Ltd
Sanqishi Medical &
Pharmaceutical Co., Ltd.
Skylab Instruments &
Engineering PVT. LTD.
Tuta Healthcare
Yiwu Shi Kang Medical
Equipment CO.,LTD

Bottle and Vial Crushers

Balcan Engineering Ltd.
Mercodor
National Scientific
S&G Enterprises, Inc.

ALTERNATIVE WASTE TREATMENT TECHNOLOGIES

Global Inventory

LISTING BY COUNTRY/REGION

Companies that deliver worldwide

Anchor Autoclave Systems
 ARTECH Reduction Technologies
 ASCO Apothecaries Sundries
 Manufacturing Company
 AWS Clinical Waste
 Balcan Engineering Ltd.
 BioSAFE Engineering, LLC
 Bondtech Corporation
 CERTOCLAV Sterilizer GmbH
 Ecosteryl AMB
 Hirayama
 Mercodor
 Tempico Inc.

Africa

Acmas Technocracy (Pvt) Ltd.
 Astell Scientific Ltd.
 Ecodas
 Ecolotec LLC.
 Esteem Industries Inc
 Hydromex Americas
 Jain Hydraulics Pvt. Ltd.
 Matachana
 OMPECO Officine Meccaniche Pejrani srl
 Ranger Production Company Ltd.
 TTM Technologie Transfer Marburg e.V.

Albania

Newster Srl & Tecno Service First Srl

Argentina

Astell Scientific Ltd.
 Bondtech Corporation
 Esteem Industries Inc.
 Hydromex Americas
 Industrial Olmar, S.A.

Asia

Ashwani Diagnostic Equipments
 Manufacturing Co. (Ademco)
 Astell Scientific Ltd.
 Ecodas
 Ecolotec LLC.
 Hydromex Americas
 Industrial Olmar, S.A.
 Jain Hydraulics Pvt. Ltd.
 Manish Scientific Instruments Company
 Matachana
 Newster Srl & Tecno Service First Srl
 OMPECO Officine Meccaniche Pejrani srl
 TTM Technologie Transfer Marburg e.V.

Australia

Advance Scientific Instruments
 AWS Clinical Waste
 Bondtech Corporation
 Crusader Engineering
 Esteem Industries Inc.
 Jain Hydraulics Pvt. Ltd.
 Medivac
 Naugra TM.
 Skylab Instruments &
 Engineering PVT. LTD.
 Steridium Pty Ltd.
 Tuta Healthcare

Austria

Astell Scientific Ltd.
CMB Maschinenbau und Handels GmbH
(Christof Group)
CERTOCLAV Sterilizer GmbH
Meteka GmbH

Bahamas

Esteem Industries Inc

Bahrain

Astell Scientific Ltd.
Esteem Industries Inc.

Bangladesh

Jain Hydraulics Pvt. Ltd.

Belarus

Newster Srl & Tecno Service First Srl

Belgium

Astell Scientific Ltd.
Ecosteryl AMB
Esteem Industries Inc.
Hydromex Americas

Brazil

Astell Scientific Ltd.
Esteem Industries Inc.
Newster Srl & Tecno Service First Srl
OMPECO Officine Meccaniche Pejrani srl
Silcon Ambiental Ltd.

Brunei

Astell Scientific Ltd.

Bulgaria

Newster Srl & Tecno Service First Srl
OMPECO Officine Meccaniche Pejrani srl

Cameroon

Jain Hydraulics Pvt. Ltd.

Canada

Advance Scientific Instruments
ARTECH Reduction Technologies
Bondtech Corporation
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
Ecosteryl AMB
Environmental Waste International
Hydroclave Systems Corp
Industrial Olmar, S.A.
Ozonator Industries Ltd.

Caribbean

Astell Scientific Ltd.
Ecolotec LLC.
Esteem Industries Inc.
Newster Srl & Tecno Service First Srl
Skylab Instruments &
Engineering PVT. LTD.

Chile

Esteem Industries Inc.
Industrial Olmar, S.A.
OMPECO Officine Meccaniche Pejrani srl
Oppici S.A.

China

Bondtech Corporation
Industrial Olmar, S.A.
Jiangyin Binjiang Medical Equipment
Co.,Ltd (Jibimed)
Quanzhou Lizhong Food
Machinery Co., Ltd.
Sanqishi Medical & Pharmaceutical Co., Ltd.
Tianjin GreenTech Environmental
Technology Co., Ltd.
Yiwu Shi Kang Medical Equipment CO.,LTD
Zealway (Xiamen) Instrument Inc.

Colombia

Bondtech Corporation

Costa Rica

Bondtech Corporation

Croatia

Astell Scientific Ltd.

Newster Srl & Tecno Service First Srl

Cyprus

Astell Scientific Ltd.

Esteem Industries Inc.

Czech Republic

Astell Scientific Ltd.

Dominican Republic

Newster Srl & Tecno Service First Srl

Skylab Instruments & Engineering PVT. LTD.

Ecuador

Astell Scientific Ltd.

Esteem Industries Inc.

Egypt

Esteem Industries Inc.

Newster Srl & Tecno Service First Srl

El Salvador

Bondtech Corporation

Estonia

Newster Srl & Tecno Service First Srl

Ethiopia

Astell Scientific Ltd.

Europe

Advance Scientific Instruments

Ashwani Diagnostic Equipments

Manufacturing Co. (Ademco)

Astell Scientific Ltd.

CMB Maschinenbau und Handels GmbH

(Christof Group)

Crusader Engineering

Ecodas

Ecolotec LLC.

Environmental Waste International

Esteem Industries Inc

Hydromex Americas

Industrial Olmar, S.A.

Matachana

Newster Srl & Tecno Service First Srl

OMPECO Officine Meccaniche Pejrani srl

Ranger Production Company Ltd

Skylab Instruments & Engineering PVT. LTD.

TTM Technologie Transfer Marburg e.V.

France

Bertin Technologies

Ecodas

Esteem Industries Inc.

Industrial Olmar, S.A.

Miclo Environnement

Sterigerms France

Germany

Ashwani Diagnostic Equipments

Manufacturing Co. (Ademco)

Astell Scientific Ltd.

Mercodor

Erdwich Zerkleinerungs Systeme GmbH

Esteem Industries Inc.

Logmed Cooperation GmbH

Systemec GmbH Labor-Systemtechnik

TTM Technologie Transfer Marburg e.V.

WEBECO Hygiene in Medizin und

Labor GmbH & Co. KG

Ghana

Esteem Industries Inc.

Greece

Esteem Industries Inc.

Newster Srl & Tecno Service First Srl

Guam

Bondtech Corporation

Hong Kong

Astell Scientific Ltd.

Honduras

Industrial Olmar, S.A.

Hungary

Astell Scientific Ltd.

Celitron Medical Technologies Kft.

Newster Srl & Tecno Service First Srl

Iceland

Astell Scientific Ltd.

India

Accumax India

Acmas Technocracy (Pvt) Ltd.

Agrawal Brothers

APS Instruments Pvt. Ltd

Ashwani Diagnostic Equipments

Manufacturing Co. (Ademco)

Astell Scientific Ltd.

Attashi Electronics

AWS Clinical Waste

ASCO Apothecaries Sundries

Manufacturing Company

Bensons Surgico

Bioasset Technologies Pvt. Ltd.

Bio Technics India

Biotechnologies Inc.

Cecon Pollutech Systems (P) Limited

Conica Enterprises

D4 Surgicals Pvt. Ltd.

Esteem Industries Inc.

Everflow Scientific Instruments

Fairdeal Traders

Global Corporation

GPC Medical Ltd.

(A unit of Global Products Corporation)

HMG India

Jain Hydraulics Pvt. Ltd.

Jambu Pershad & Sons

Keltron Electro Ceramics Limited

Khera Exim Instruments Pvt. Ltd.

Life Steriware

Machinfabrik

Manish Scientific Instruments Company

MedFreshe / Narula Exports

MediCare Products Inc.

Narang Medical Limited

Narang Scientific Works

Naugra TM.

Navyug Udyog

Neelam Industries

Obromax TM.

Preci-Tech India

Pulse Pharma

Rajas Enterprises, India

Reliance Instruments Corporation

Sandeep Instruments and Chemicals

Shambhavi Impex

Shiv Dial Sud & Sons

Skylab Instruments &

Engineering PVT. LTD.

Swingstar

YOMA Indian Instruments

Manufacturing Company

Indonesia

Esteem Industries Inc.

Iran

Newster Srl & Tecno Service First Srl

Sazgar

Iraq

Astell Scientific Ltd.

Ireland

Astell Scientific Ltd.
Esteem Industries Inc.
Hydromex Americas

Israel

Esteem Industries Inc.

Italy

CISA S.p.A.
Esteem Industries Inc.
Fedegari Autoclavi SPA
Newster Srl & Tecno Service First Srl
OMPECO Officine Meccaniche
Pejrani srl

Ivory Coast

Jain Hydraulics Pvt. Ltd.

Jamaica

Esteem Industries Inc.

Japan

Hirayama
Yamato Scientific Co., Ltd.

Jordan

Astell Scientific Ltd.
Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.

Kazakhstan

Newster Srl & Tecno Service First Srl
OMPECO Officine Meccaniche Pejrani srl

Kenya

Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.

Korea

Bondtech Corporation

Kuwait

Jain Hydraulics Pvt. Ltd.

Latin America

Acmas Technocracy (Pvt) Ltd.
Astell Scientific Ltd.
Esteem Industries Inc
Industrial Olmar, S.A.
Mark-Costello Co
Matachana
Newster Srl & Tecno Service First Srl
OMPECO Officine Meccaniche Pejrani srl
TTM Technologie Transfer Marburg e.V.

Lebanon

Astell Scientific Ltd.
Esteem Industries Inc.
Skylab Instruments &
Engineering PVT. LTD.

Libya

Astell Scientific Ltd.

Lithuania

Astell Scientific Ltd.

Malaysia

Esteem Industries Inc.

Maldives

Jain Hydraulics Pvt. Ltd.

Malta

Astell Scientific Ltd.

Mauritius

Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.

Mexico

Bondtech Corporation
Esteem Industries Inc.
Mark-Costello Co.
OMPECO Officine Meccaniche Pejrani srl

Middle East

Acmas Technocracy (Pvt) Ltd.
Astell Scientific Ltd.
Ecodas
Ecolotec LLC.
Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.
Manish Scientific Instruments Company
Matachana
Newster Srl & Tecno Service First Srl
Skylab Instruments &
Engineering PVT. LTD.

Mongolia

Astell Scientific Ltd.

Morocco

Esteem Industries Inc.

Nepal

Astell Scientific Ltd.
Jain Hydraulics Pvt. Ltd.

Netherlands

Astell Scientific Ltd.
Esteem Industries Inc.
Skylab Instruments & Engineering PVT. LTD.
Tuttnauer

New Caledonia

Astell Scientific Ltd.

New Zealand

AWS Clinical Waste
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
Astell Scientific Ltd.
Crusader Engineering
Steriliser Services Ltd.
Sterilisers New Zealand Ltd.

Nigeria

Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.

North America

Advance Scientific Instruments
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
Crawford Diversified Services
Crusader Engineering
Ecodas
Environmental Waste International
Industrial Olmar, S.A.
Jain Hydraulics Pvt. Ltd.

Oceania

Advance Scientific Instruments
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
Astell Scientific Ltd.
Crusader Engineering

Ecodas
 Esteem Industries Inc
 Jain Hydraulics Pvt. Ltd.
 Skylab Instruments &
 Engineering PVT. LTD.

Oman

Esteem Industries Inc.
 Jain Hydraulics Pvt. Ltd.

Pakistan

Advance Scientific Instruments
 Bondtech Corporation
 Skylab Instruments &
 Engineering PVT. LTD.
 Jain Hydraulics Pvt. Ltd.

Paraguay

Esteem Industries Inc.
 Newster Srl & Tecno Service First Srl

Papa New Guinea

Bondtech Corporation
 Esteem Industries Inc.

Peru

Astell Scientific Ltd.

Philippines

Astell Scientific Ltd.
 Bondtech Corporation
 Esteem Industries Inc.
 Hydromex Americas
 Jain Hydraulics Pvt. Ltd.
 Skylab Instruments &
 Engineering PVT. LTD.

Poland

Industrial Olmar, S.A.
 Newster Srl & Tecno Service First Srl

Portugal

Esteem Industries Inc.

Puerto Rico

Bondtech Corporation

Qatar

Astell Scientific Ltd.
 Esteem Industries Inc.

Romania

Newster Srl & Tecno Service First Srl
 OMPECO Officine Meccaniche Pejrani srl

Russia

Astell Scientific Ltd.
 Newster Srl & Tecno Service First Srl
 OMPECO Officine Meccaniche Pejrani srl

Saudi Arabia

Bondtech Corporation
 Esteem Industries Inc.
 Jain Hydraulics Pvt. Ltd.

Singapore

Astell Scientific Ltd.
 Esteem Industries Inc.

Slovakia

Astell Scientific Ltd.

Sudan

Astell Scientific Ltd.

Switzerland

Astell Scientific Ltd.

South America

Ecodas

South Africa

Bondtech Corporation
 Esteem Industries Inc.
 Hydromex Americas
 Jain Hydraulics Pvt. Ltd.
 Medi-clave (Pty.) Ltd.
 Ranger Production Company Ltd.
 Relloy S.A. (Pty) Ltd.
 OMPECO Officine Meccaniche Pejrani srl

South Asia

Acmas Technocracy (Pvt) Ltd.
 Ashwani Diagnostic Equipments
 Manufacturing Co. (Ademco)
 Astell Scientific Ltd.
 Attashi Electronics
 Cecon Pollutech Systems (P) Limited
 Jain Hydraulics Pvt. Ltd.
 Manish Scientific Instruments Company
 Skylab Instruments &
 Engineering PVT. LTD.

Southeast Asia

Astell Scientific Ltd.
 Crusader Engineering
 Esteem Industries Inc
 Jain Hydraulics Pvt. Ltd.
 Manish Scientific Instruments Company
 Matachana

Spain

Astell Scientific Ltd.
 COMTEM [Steriflash ®]
 Esteem Industries Inc.
 Grupo Athisa, Andaluza
 Tratamientos de Higiene SA
 Hydromex Americas
 Industrial Olmar, S.A.
 Matachana

Sri Lanka

Esteem Industries Inc.
 Jain Hydraulics Pvt. Ltd.
 Skylab Instruments &
 Engineering PVT. LTD.

Switzerland

Sterishred GmbH

Syria

Astell Scientific Ltd.
 Esteem Industries Inc.
 Skylab Instruments &
 Engineering PVT. LTD.

Taiwan

Evermed Tech Co., Ltd.
 (part of Rexmed Industries CO., LTD)
 Hydromex Americas
 REXMED Industries Co., Ltd.

Thailand

Astell Scientific Ltd.
 Esteem Industries Inc.

Trinidad

Esteem Industries Inc.

Tunisia

Esteem Industries Inc.

Turkey

Astell Scientific Ltd.
 Bondtech Corporation
 Environmental Tectonics Corporation /
 ETC Sterilization Systems
 Esteem Industries Inc.
 Optima

Uganda

Jain Hydraulics Pvt. Ltd.

Ukraine

Astell Scientific Ltd.
Hydromex Americas
Jain Hydraulics Pvt. Ltd.

United Arab Emirates

ARTECH Reduction Technologies
Bondtech Corporation
Esteem Industries Inc.

United Kingdom

Astell Scientific Ltd.
AWS Clinical Waste
ARTECH Reduction Technologies
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
Balcan Engineering Ltd.
Bondtech Corporation
Crusader Engineering
Environmental Waste International
Esteem Industries Inc.
Industrial Olmar, S.A.
Ranger Production Company Ltd
Skylab Instruments &
Engineering PVT. LTD.
UNTHA

Uruguay

Newster Srl & Tecno Service First Srl
Industrial Olmar, S.A.
Esteem Industries Inc.
Astell Scientific Ltd.
Bondtech Corporation

USA

Advance Scientific Instruments
Advanced Precision Fabricators, Inc.

American Scientific Resources, Inc
Anchor Autoclave Systems
ARTECH Reduction Technologies
Ashwani Diagnostic Equipments
Manufacturing Co. (Ademco)
ASP
AWS Clinical Waste
Bio-Response Solutions Inc.
BioLiquidator
BioMedical Technology Solutions, Inc.
BioSAFE Engineering, LLC
Bondtech Corporation
Bondtech Corporation
Crawford Diversified Services
Crusader Engineering
Ecolotec LLC.
Environmental Tectonics Corporation /
ETC Sterilization Systems
Environmental Waste International
Esteem Industries Inc.
George K. Moss Company, Inc.
Hydromex Americas
Industrial Olmar, S.A.
Jain Hydraulics Pvt. Ltd.
Komar Industries
Mark-Costello Co
Market Forge Industries, Inc.
McGill AirPressure LLC
MedClean Tech Inc.
Medical Innovations, Inc.
Melco Steel, Inc.
Micro-Waste Corporation
National Scientific
OnSite Sterilization, LLC
Positive Impact Waste Solutions, Inc.
PriBio - Progressive Recovery, Inc.
RedBag Solutions
Reimers Electra Steam, Inc.
S&G Enterprises, Inc.
SafeWaste Inc.
San-I-Pak, Inc.
Sanitec Industries
SANYO Electric Biomedical Co. Ltd.

SSI Shredding Systems
Stericycle, Inc.
Sterile Technologies Industries, Inc.
Tempico Inc.
Tuttnauer
Vecoplan, LLC
Wisconsin Aluminum Foundry Co.
WSF Industries, Inc.

Venezuela

Astell Scientific Ltd.
Esteem Industries Inc.
OMPECO Officine Meccaniche Pejrani srl

Vietnam

Astell Scientific Ltd.

Yemen

Astell Scientific Ltd.
Esteem Industries Inc.
Jain Hydraulics Pvt. Ltd.

Zimbabwe

Esteem Industries Inc.

