ACKNOWLEDGEMENTS

HCWH would like to acknowledge the efforts of the following individuals, who all contributed greatly to the production of this inventory: Alejandra Livschitz, Laura Raquel Amaya Botello, Melina González, Mitzi Damazo-Sabando and Pawel Gluszynski.

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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  4. Other disinfection systems (alkaline hydrolysis, ozone)
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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


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:
  - Benchtop ------------ Volume: <50 litres or capacity <5kg/hour
  - Small to medium --- Volume: 50-250 litres or capacity 5-25 kg/hour
  - Large --------------- Volume: 250-500 litres or capacity 25-50 kg/hour
  - 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

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Website</th>
<th>Autoclaves</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accumax India</td>
<td><a href="http://www.accumaxequipment.com">www.accumaxequipment.com</a></td>
<td>AUTOCLAVES Benchtop Small to medium scale</td>
<td>UG 37, Vishal Tower District Centre, Janakpuri, New Delhi, Delhi 110 058, India</td>
<td>+91 11 46125754 / +91 11 25610036</td>
<td>+91 11 25610036</td>
<td><a href="mailto:accumax2000@yahoo.com">accumax2000@yahoo.com</a> / <a href="mailto:accumax2000@gmail.com">accumax2000@gmail.com</a></td>
</tr>
<tr>
<td>Acmas Technocracy (Pvt) Ltd.</td>
<td><a href="http://www.acmasindia.com">www.acmasindia.com</a></td>
<td>AUTOCLAVES Benchtop Small to medium scale Large scale</td>
<td>312-313 Vardhman Capital Mall, Local Shopping Complex, Gulabi Bagh, Delhi-110054, India</td>
<td>+91 011 23643054 / +91 011 23646703 / +91 0 9717741167 / +91 0 9312219738 / +91 0 9313971681 / +91 0 9350565689</td>
<td>+91 011 23646703</td>
<td><a href="mailto:info@acmasindia.com">info@acmasindia.com</a> / <a href="mailto:sonia@acmasindia.com">sonia@acmasindia.com</a></td>
</tr>
</tbody>
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- **Overseas installations in / Delivers to:** Africa, Latin America, the Middle East and South Asia.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Website</th>
<th>Autoclaves</th>
<th>Address</th>
<th>Phone</th>
<th>Mobile</th>
<th>Fax</th>
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</tr>
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<tbody>
<tr>
<td>Advance Scientific Instruments</td>
<td><a href="http://www.advsinstruments.com">www.advsinstruments.com</a></td>
<td>AUTOCLAVES Benchtop</td>
<td>3-Abkari Road, 7-Star Plaza, New Anarkali, Lahore 54000, Pakistan</td>
<td>+92 42 7361707</td>
<td>+92 323 4258307</td>
<td>+92 42 7361707</td>
<td><a href="mailto:info@advsinstruments.com">info@advsinstruments.com</a> / <a href="mailto:as_instruments@hotmail.com">as_instruments@hotmail.com</a></td>
</tr>
</tbody>
</table>

- **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
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 65.1r., 08830 Sant boi de Llobregat, Spain
Phone +34 93 6306965

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

ASCO Apothecaries Sundries Manufacturing Company
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

i Delivers worldwide

Ashwani Diagnostic Equipments Manufacturing Co. (Ademco)
www.ademcoindia.com
Address 122/23, Street No. 5, Old Shaker Nagar, New Delhi 110051, India
Phone +91 11 22094144
Email sales@ademcoindia.com / ademco@vsnl.net

i 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
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

i 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
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

Overseas installations in / Delivers to Argentina, Austria, Bahrain, Belgium, Brazil, Brunei, Croatia, Cyprus, Czech Republic, Ecuador, Ethiopia, Germany, Hong Kong, Hungary, Iceland, Indonesia, 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

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

AWS Clinical Waste

www.awsclinical.com

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

Phone: +61 7 3821 1500

Email: awsclinical1@bigpond.com

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

Balcan Engineering Ltd.

www.balcan.co.uk

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

Overseas installations in / Delivers to Argentina, Austria, Bahrain, Belgium, Brazil, Brunei, Croatia, Cyprus, Czech Republic, Ecuador, Ethiopia, Germany, Hong Kong, Hungary, Iceland, Indonesia, 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.

Autoclaves

Benchtop
Small to medium scale

Large scale
Very large scale

Syringe or Needle Destroyers

Bottle and Vial Crushers
### Balcan Engineering Ltd. (continued)

| 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 |

### Bensons Surgico

<table>
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### Bertin Technologies

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### Bioasset Technologies Pvt. Ltd.

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<tr>
<td><strong>Bio-Response Solutions Inc.</strong></td>
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<tr>
<td><strong>BioSAFE Engineering, LLC</strong></td>
</tr>
<tr>
<td><strong>Bio Technics India</strong></td>
</tr>
<tr>
<td><strong>Biotechnologies, Inc.</strong></td>
</tr>
</tbody>
</table>
**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

*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*

---

**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

*Delivers to countries in South Asia*

---

**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

---

**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

*Delivers worldwide*
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

Clean Waste Systems, LLC
www.cleanwastesystems.com/index.html
Address 3535 Plymouth Boulevard, Suite 112, Plymouth, MN 55447, USA
Phone +1 877 478 5195
Email info@cleanwastesystems.com

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

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

Conica Enterprises
www.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
Small to medium scale
Large scale
Very large scale

CHEMICAL DISINFECTION
(OZONE) SHREDDER HYBRID:
Very large scale

AUTOCLAVES
Small to Medium scale

SHREDDERS OR GRINDERS

AUTOCLAVES
Benchtop
Small to medium scale
Large scale
<table>
<thead>
<tr>
<th>Company</th>
<th>Website</th>
<th>Address</th>
<th>Phone</th>
<th>Fax</th>
<th>Email</th>
<th>Treatments</th>
</tr>
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<tbody>
<tr>
<td>D4 Surgicals Pvt. Ltd.</td>
<td><a href="http://www.d4surgicals.com">www.d4surgicals.com</a></td>
<td>307, Samruddhi Commercial Complex, Chincholi Bunder Road, Off Link Road, Malad (West) Mumbai - 400 064, India</td>
<td>+91 22 65235614</td>
<td>+91 22 28781783</td>
<td><a href="mailto:info@d4surgicals.com">info@d4surgicals.com</a></td>
<td>AUTOCLAVES Benchtop Small to medium scale Large scale Very large scale</td>
</tr>
<tr>
<td>Crusader Engineering</td>
<td><a href="http://www.cruseng.co.nz">www.cruseng.co.nz</a></td>
<td>PO Box 204377, Highbrook, Manukau 2161, Auckland, New Zealand</td>
<td>+64 9 2740811</td>
<td>+64 9 2749898</td>
<td><a href="mailto:info@crusaderengineering.co.nz">info@crusaderengineering.co.nz</a></td>
<td>AUTOCLAVES Small to medium scale Large scale Very large scale</td>
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<tr>
<td>Crawford Diversified Services</td>
<td><a href="http://www.crawforddiversified.com">www.crawforddiversified.com</a></td>
<td>8006 Gravois Road St. Louis, Missouri 63123, USA</td>
<td>+1 314 3534267</td>
<td>+1 866 5987801 (TOLL FREE)</td>
<td><a href="mailto:customerservice@crawforddiversified.com">customerservice@crawforddiversified.com</a></td>
<td>AUTOCLAVES Benchtop Small to medium scale Large scale</td>
</tr>
<tr>
<td>Ecodas</td>
<td><a href="http://www.ecodas.com">www.ecodas.com</a></td>
<td>28 rue Sébastopol, 59100 Roubaix, France</td>
<td>+33 3 20709865</td>
<td>+33 3 20362805</td>
<td><a href="mailto:contact@ecodas.com">contact@ecodas.com</a></td>
<td>AUTOCLAVE SHREDDER HYBRID Small to medium scale Large scale Very large scale</td>
</tr>
</tbody>
</table>

- D4 Surgicals Pvt. Ltd. delivers to countries in North America.
- Crusader Engineering delivers to Australia, UK and the USA; and to countries in Europe, North America, Oceania and South East Asia.
- Crawford Diversified Services delivers to countries in Africa, Asia, Europe, the Middle East, North America, Oceania and South America.
Ecolotec LLC
www.ecolotec.com
Address 196 Highlands, Union Grove, AL 35175, USA
Phone +1 256 2704322
Fax +1 256 8374091
Delivers to countries in Africa, Asia, the Caribbean, Europe and the Middle East

Ecosteryl AMB
www.ecosteryl.net
Address Avenue Wilson 622, B - 7012 Mons, Belgium
Phone +32 65 822681
Fax +32 65 824798
Email sales@ecosteryl.net
Canada - Regional Office
Address 1010 Sherbrooke West, Suite 1800, Montreal (Quebec), Canada
Phone +1 514 2861458
Email sales.america@ecosteryl.net
Will soon open a Regional Office in Uruguay; Delivers worldwide

Environmental Tectonics Corporation / ETC
Sterilization Systems
www.etcusa.com
Address 125 James Way, Southampton, PA 18966, USA
Phone +1 215 3559100
Email jbczar@etcusa.com / sterilizers@etcusa.com / cciesielka@etcusa.com
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 International
www.ewmc.com
MICROWAVE SHREDDER HYBRID
Large scale

AUTOCLAVES
Small to medium scale
Large scale

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

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

**Erdwich Zerkleinerungs Systeme GmbH**

www.erdwich.eu

Address  
Kolpingstr 8-10, DE-86916 Kaufering, Germany

Phone  
+49 8191 96520

Fax  
+49 8191 965216

Email  
infoline@erdwich.de

**Esteem Industries Inc.**

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

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
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<td>AUTOCLAVES</td>
<td>Small to medium scale</td>
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<tr>
<td>Evermed Tech Co., Ltd. (part of Rexmed Industries CO., LTD)</td>
<td><a href="http://www.rexmed.com">www.rexmed.com</a></td>
<td>AUTOCLAVES</td>
<td>Benchtop, Small to medium scale</td>
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<td>Fairdeal Traders</td>
<td><a href="http://www.fairdealtraders.com">www.fairdealtraders.com</a></td>
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<td>Benchtop, Small to medium scale</td>
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<td>Fedegari Autoclavi SPA</td>
<td><a href="http://www.fedegari.com/default_home_EN.aspx">www.fedegari.com/default_home_EN.aspx</a></td>
<td>AUTOCLAVES</td>
<td>Benchtop, Small to medium scale</td>
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<td>George K. Moss Company, Inc.</td>
<td><a href="http://www.gkmoss.com/index.php/page/medicalwaste">www.gkmoss.com/index.php/page/medicalwaste</a></td>
<td>AUTOCLAVES</td>
<td>Small to medium scale, Large scale, Very large scale</td>
</tr>
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</table>
Global Corporation
www.globalpathak.com
AUTOCLAVES
Benchtop
Small to medium scale
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

GPC Medical Ltd.
(A unit of Global Products Corporation)
www.autoclaves-india.com
AUTOCLAVES
Benchtop
Small to medium scale
Address
M Block, DDA LSC Vikas Puri, New Delhi - 110018, India
Phone
+91 11 43222600
Fax
+91 11 45545172
Email
info@autoclaves-india.com

Grupo Athisa, Andaluza
Tratamientos de Higiene SA
www.athisa.es
AUTOCLAVES
Small to medium scale
Address
Periodista Francisco J. Cobos 18 Portal 1, 1ºC
Phone
+34 958 172 425
Fax
+34 958 170 935
Email
kbruck@athisa.es

Hirayama
www.hirayama-hmc.co.jp/e_top.html
AUTOCLAVES
Benchtop
Small to medium scale
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

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: resresponse@hmgind.com / hmgind@gmail.com

---

**Hydroclave Systems Corp.**

[www.hydroclave.com](http://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](http://www.hydromexamericas.com)

Address: KILLERWATTS, 220 Puuhale Road A4  
Honolulu, Hawaii 96819

Phone: +1 808 5427021

Email: jon@hydromexamericas.com

---

Argentina - Regional Office

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

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](http://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

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
<table>
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<th>Company Name</th>
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<td>Jain Hydraulics Pvt. Ltd.</td>
<td><a href="http://www.jainhydraulics.com">www.jainhydraulics.com</a></td>
<td>10066 Multani Dhanda, Street No. 1, Ist Floor, Paharganj, New Delhi - 110055, India</td>
<td>+91 11 23610291 / +91 11 23629689 / +91 11 23523966</td>
<td>+91 11 25504343</td>
<td><a href="mailto:info@jainhydraulics.com">info@jainhydraulics.com</a></td>
</tr>
<tr>
<td>Jambu Pershad &amp; Sons</td>
<td><a href="http://www.japson.com">www.japson.com</a></td>
<td>6275/22 Nicholson Road, G. P.O. Box No. 58, Ambala Cantt, 133001, India</td>
<td>+91 171 4006441 / +91 171 2602888 / +91 171 400689 / +91 171 2642197</td>
<td>+91 171 2602666 / +91 171 4005444</td>
<td><a href="mailto:japsonambala@yahoo.com">japsonambala@yahoo.com</a> / <a href="mailto:japson@gmail.com">japson@gmail.com</a></td>
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<td>Jiangyin Binjiang Medical Equipment Co., Ltd (Jibimed)</td>
<td><a href="http://en.chengyi-cn.com">en.chengyi-cn.com</a></td>
<td>Industrial park (Xinhua Industrial Park), Jiangyin Jiangsu, China</td>
<td>+86 510 86270699 / +86 510 86296768</td>
<td>+86 510 86270599</td>
<td><a href="mailto:jibimed@hotmail.com">jibimed@hotmail.com</a> / <a href="mailto:postmaster@chengyi-cn.com">postmaster@chengyi-cn.com</a></td>
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<td>Keltron Electro Ceramics Limited</td>
<td><a href="http://www.keltronelcera.com">www.keltronelcera.com</a></td>
<td>Kuttipuram P.O., Malappuram Dist, Malappuram, Kerala State, 679 571, India</td>
<td></td>
<td></td>
<td><a href="mailto:kozkelcera@dataone.in">kozkelcera@dataone.in</a></td>
</tr>
</tbody>
</table>
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

Komar Industries
www.komarindustries.com
Address: 4425 Marketing Place, Groveport, OH 43125 USA
Phone: +1 614 8362366
Fax: +1 614 8369870

Life Steriware
www.indiamart.com/lifesteriware
Address: No. 77-A/18, Dilshad Garden, Industrial Area, New Delhi, Delhi - 110 095, India
Phone: +91 11 45657577
Fax: +91 11 43584602

Logmed Corporation GmbH
www.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

Machinfabrik
www.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
<table>
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<th>Company Name</th>
<th>Website</th>
<th>Contact Information</th>
<th>Specializations</th>
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| 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 | 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 |
| Matachana | www.matachana.com | Address: Almagávares, 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 LLC
www.mcgillairpressure.com
Address 1777 Refugee Rd., Columbus, OH 43207, USA
Phone +1 614 8291200
Fax +1 614 4458759
Email isales@mcgillairpressure.com

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

MedFreshe / Narula Exports
www.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

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

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
**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

---

**Medivac**

**www.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

---

**Mercodor**

**www.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

---

**ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES A Global Inventory**
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<td><a href="http://www.miclo-environnement.fr/gb/dechets-hospitaliers.html">www.miclo-environnement.fr/gb/dechets-hospitaliers.html</a></td>
<td>AUTOCLAVE SHREDDER HYBRID</td>
<td>1 Rue Pierre PFLIMLIN, ZA Actipolis 3, 68390 Sausheim, France</td>
<td>+33 3 893 168 50</td>
<td>+33 3 896 199 87</td>
<td><a href="mailto:nmiclo@wanadoo.fr">nmiclo@wanadoo.fr</a></td>
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<td><a href="http://www.micro-waste.com">www.micro-waste.com</a></td>
<td>MICROWAVES</td>
<td>3006 SE Loop 820 Fort Worth, TX 76140, USA</td>
<td>+1 817 370 2426</td>
<td></td>
<td><a href="mailto:TABollinger@Micro-Waste.com">TABollinger@Micro-Waste.com</a></td>
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<td>Narang Medical Limited</td>
<td><a href="http://www.narang.com">www.narang.com</a></td>
<td>AUTOCLAVES</td>
<td>Narang Tower, 46 Community Centre, Naraina Ph-I, New Delhi - 110028, India</td>
<td>+91 11 45554000 / +91 11 25892020</td>
<td>+91 11 45554001 / +91 11 25892026</td>
<td><a href="mailto:NET@narang.com">NET@narang.com</a></td>
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<td>SYRINGE OR NEEDLE DESTROYERS</td>
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<td>Narang Scientific Works</td>
<td><a href="http://www.nsw-india.com/">www.nsw-india.com/</a></td>
<td>AUTOCLAVES</td>
<td>GI-111, Mayapuri Industrial Area, Phase-2, New Delhi - 110 064, India</td>
<td>+91 11 28112608 / +91 11 28111589 / +91 11 28112487</td>
<td>+91 11 28112608</td>
<td><a href="mailto:TABollinger@Micro-Waste.com">TABollinger@Micro-Waste.com</a></td>
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<tr>
<td>National Scientific</td>
<td><a href="http://www.nationalscientific.com">www.nationalscientific.com</a></td>
<td>BOTTLE AND VIAL CRUSHERS</td>
<td>197 Cardiff Valley Road, Rockwood, TN 37854, USA</td>
<td>+1 800 3323331</td>
<td>+1 865 3544616</td>
<td><a href="mailto:mcservice@nationalscientific.com">mcservice@nationalscientific.com</a></td>
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<td>Naugra TM.</td>
<td><a href="http://www.naugraexport.com">www.naugraexport.com</a></td>
<td>AUTOCLAVES</td>
<td>6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India</td>
<td>+91 98 96600003</td>
<td>+91 79 25840049</td>
<td><a href="mailto:sales@naugraexport.com">sales@naugraexport.com</a></td>
</tr>
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<td>Benchtop</td>
<td></td>
<td>+91 79 25842653</td>
<td>+91 79 55237536</td>
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<td>Navyug Udyog</td>
<td><a href="http://www.navyugudyog.com/">www.navyugudyog.com/</a></td>
<td>AUTOCLAVES</td>
<td></td>
<td>+91 94 1602 8014</td>
<td></td>
<td><a href="mailto:info@navyugudyog.com">info@navyugudyog.com</a></td>
</tr>
<tr>
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<tr>
<td>Neelam Industries</td>
<td><a href="http://www.neelampharmamech.com">www.neelampharmamech.com</a></td>
<td>AUTOCLAVES</td>
<td>Plot No. 3735, Behind New Nirma, Phase IV, G. I. D. C., Vatva, Ahmedabad, Gujarat, India</td>
<td>+91 79 25840049 / +91 79 25842653</td>
<td>+91 79 55237536</td>
<td><a href="mailto:neelam@neelampharmamech.com">neelam@neelampharmamech.com</a> / <a href="mailto:chiku_chirag2001@yahoo.com">chiku_chirag2001@yahoo.com</a></td>
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<tr>
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<td>Newster Srl &amp; Tecno</td>
<td><a href="http://www.newster.sm">www.newster.sm</a></td>
<td>FRICTIONAL HEAT</td>
<td>Via Dei Dative 35/37 47899 Serravalle (R.S.M.), Italy</td>
<td>+378 0549 960576</td>
<td>+378 549 960585</td>
<td><a href="mailto:adm@newster.sm">adm@newster.sm</a> / <a href="mailto:market@newster.sm">market@newster.sm</a></td>
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<td>Service First Srl</td>
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<td>Overseas installations in / Delivers to Albania, Belarus, Brazil, Bulgaria, Croatia, Dominican Republic, Egypt, Estonia, Greece, Hungary, Iran, Italy, Kazakhstan, Paraguay, Poland, Romania, Russia and Uruguay; and to other countries in Asia, the Caribbean, Europe, Latin America and the Middle East</td>
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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  
Cagliari, 10048 Vinovo, Torino, Italy

Phone  
+39 11 9935111

Fax  
+39 11 9935133

Email  
info@ompeco.com

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, LLC
www.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 Nº 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
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<th>AUTOCLAVE SHREDDER HYBRID</th>
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<td><strong>Address</strong></td>
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<tr>
<td>207 Bahnu Enclave, Opp. ICICI Bank, Dr A.S. Rao Nagar, Secunderabad, 500062 India</td>
<td></td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td><a href="mailto:info@prei-tech-techindia.com">info@prei-tech-techindia.com</a></td>
</tr>
<tr>
<td>+91 40 4011 9970</td>
<td></td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>+91 40 4011 9970</td>
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<th><strong>Ozonator Industries Ltd.</strong></th>
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<td><strong><a href="http://www.ozonatorindustries.com">www.ozonatorindustries.com</a></strong></td>
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</tr>
<tr>
<td><strong>Address</strong></td>
<td>1850 Industrial Drive, P.O. Box 26030, Regina, Saskatchewan, Canada, S4R 8R7</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>+1 306 791 0900</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>+1 306 791 0905</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:GlobalSales@OzonatorIndustries.com">GlobalSales@OzonatorIndustries.com</a></td>
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<th><strong>Positive Impact Waste Solutions, Inc.</strong></th>
<th>CHEMICAL DISINFECTION</th>
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<td><strong><a href="http://www.piwsinc.com">www.piwsinc.com</a></strong></td>
<td>SHREDDER HYBRID</td>
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<tr>
<td><strong>Address</strong></td>
<td>601 S. Pagewood, Odessa, Texas 79761, USA</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>+1 432 5805885 / +1 888 5507497 (TOLL FREE)</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>+1 432 5806886</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:solution@piwsinc.com">solution@piwsinc.com</a></td>
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<tr>
<th><strong>Preci-Tech India</strong></th>
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<td>SHREDDERS OR GRINDERS</td>
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<tr>
<td><strong>Address</strong></td>
<td>SYRINGE OR NEEDLE DESTROYERS</td>
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<tr>
<td>207 Bahnu Enclave, Opp. ICICI Bank, Dr A.S. Rao Nagar, Secunderabad, 500062 India</td>
<td></td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td></td>
</tr>
<tr>
<td>+91 40 4011 9970</td>
<td></td>
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<td></td>
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<td><strong>Email</strong></td>
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</tr>
<tr>
<td><a href="mailto:info@prei-tech-techindia.com">info@prei-tech-techindia.com</a></td>
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<tr>
<th><strong>PriBio-Progressive Recovery, Inc.</strong></th>
<th>ALKALINE HYDROLYSIS</th>
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<tr>
<td><strong><a href="http://www.pri-bio.com">www.pri-bio.com</a></strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Supplies systems to meet the requirements of Africa, Asia, Australia, Canada, China, Europe, India, North America and South America</td>
</tr>
<tr>
<td>700 Industrial Drive, Dupo, IL 62239, USA</td>
<td></td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td></td>
</tr>
<tr>
<td>+1 618 2865000</td>
<td></td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>+1 618 2865009</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:decontaminationsystemssales@progressive-recovery.com">decontaminationsystemssales@progressive-recovery.com</a></td>
</tr>
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</table>
**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

**Quanzhou Lizhong Food Machinery Co., Ltd.**

www.food-machinery.com

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Phone: +86 595 2235 0867

Fax: +86 595 2246 9799

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www.rajasenterprises.com

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Fax: +91 171 2610404

Email: rajasenterprises@hotmail.com / rajasenterprises@rediffmail.com

**Ranger Production Company Ltd.**


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Phone: +44 1327 300813

Fax: +44 1327 300814

Email: info@eranger.com

South Africa - Regional Office

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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
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

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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

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

Relloy S.A. (Pty) Ltd.
www.reloy.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

REXMED Industries Co., Ltd.
www.rexmed.com

AUTOCLAVES
Benchtop
Small to medium scale
Large scale
Very large scale

CHEMICAL DISINFECTION (Ozone)

SHREDDERS OR GRINDERS

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

AUTOCLAVES
Small to medium scale

SHREDDER HYBRID
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

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

Sandeep Instruments and Chemicals

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

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
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<th>Technology</th>
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<th>Phone</th>
<th>Fax</th>
<th>Email</th>
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<td>Sanitec Industries</td>
<td><a href="http://www.sanitecind.com">www.sanitecind.com</a></td>
<td>MICROWAVE SHREDDER HYBRID</td>
<td>Very large scale</td>
<td>4535 W.Valerio Street, Burbank, California 91505, USA</td>
<td>+1 818 5655566</td>
<td>+1 818 5650035</td>
<td><a href="mailto:info@sanitecind.com">info@sanitecind.com</a></td>
</tr>
<tr>
<td>Sanqishi Medical &amp; Pharmaceutical Co., Ltd.</td>
<td><a href="http://www.11862.tradebig.com">www.11862.tradebig.com</a></td>
<td>AUTOCLAVES</td>
<td>Benchtop</td>
<td>172# Anjie East Rd, Sanqishi Town, Yuyao, China Yuyao, China</td>
<td>+86 574 62935616</td>
<td></td>
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<td>SANYO Electric Biomedical Co. Ltd.</td>
<td>us.sanyo.com/biomedical</td>
<td>AUTOCLAVES</td>
<td>Small to medium scale</td>
<td>2055 Sanyo Avenue, San Diego, CA 92154, USA</td>
<td>+1 619 6611134</td>
<td>+1 619 6616795</td>
<td><a href="mailto:info@sna.sanyo.com">info@sna.sanyo.com</a></td>
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<td>Sazgar</td>
<td><a href="http://www.sazgarmed.com">www.sazgarmed.com</a></td>
<td>AUTOCLAVE SHREDDER HYBRID</td>
<td>Large scale</td>
<td>No. 457, Gharehtapeh Station Shahriar Road, ShahriarTehran, Iran P.O. Box 33515-198, Tehran, Iran</td>
<td>+98 21 652 90 130 - 9</td>
<td>+98 21 652 90 130 - 9</td>
<td><a href="mailto:info@sazgarmed.com">info@sazgarmed.com</a></td>
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<tr>
<td>Shambhavi Impex</td>
<td><a href="http://www.shambhaviimpex.com">www.shambhaviimpex.com</a></td>
<td>AUTOCLAVES</td>
<td>Small to medium scale</td>
<td>108, NECO Chamber, 1st Floor, Plot No. 48, Sector - I I, CBD, Belapur, Navi Mumbai - 400 614, Maharashtra, India</td>
<td>+91 22 40125628 / +91 22 40125629 / +91 22 65114923</td>
<td>+91 22 40125630</td>
<td><a href="mailto:info@shambhaviimpex.com">info@shambhaviimpex.com</a></td>
</tr>
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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

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

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
Fax +91 250 6545661 / +91 250 6516378 / +91 250 6525838
Email response@skylabinstrument.net

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
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<th><strong>Steridium Pty Ltd.</strong></th>
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<th><strong>Sterile Technologies Industries, Inc.</strong></th>
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<tr>
<td>28161 N. Keith Drive Lake Forest, IL 60045, USA</td>
<td>PO Box 5296 Q Super Centre Queensland, 4218 Australia</td>
<td>BP 27, 26600 La Roche de Glun, France</td>
<td>63 Park Rd P.O. Box 4742, Queensbury, NY 12804, USA</td>
<td>PO Box 220, Albany Village, Auckland, New Zealand</td>
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<tr>
<td>+1 847 367 5910</td>
<td>+61 7 55 931 352</td>
<td>+33 4 90 11 37 35</td>
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<td>+64 9 4158840</td>
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<tr>
<td>+1 847 367 9493</td>
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<tr>
<td><a href="mailto:mike@steriliserservices.co.nz">mike@steriliserservices.co.nz</a></td>
<td><a href="mailto:sales@steridium.com">sales@steridium.com</a></td>
<td><a href="mailto:contact@sterigerms.com">contact@sterigerms.com</a></td>
<td><a href="mailto:mail@steriletech.com">mail@steriletech.com</a></td>
<td><a href="mailto:mike@steriliserservices.co.nz">mike@steriliserservices.co.nz</a></td>
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**AUTOCLAVES**
- Large scale
- Very large scale

**AUTOCLAVES**
- Benchtop
- Large scale
- Very large scale

**AUTOCLAVES**
- Benchtop
- Large scale
- Very large scale

**AUTOCLAVES**
- Small to medium scale
- Large scale
- Very large scale

**AUTOCLAVES**
- Benchtop
- Small to medium scale
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<td>Tempico Inc.</td>
<td><a href="http://www.tempico.com">http://www.tempico.com</a></td>
<td>1700 West Church Street, Suite C, Hammond, LA 70401, USA</td>
<td>+1 985 4299929</td>
<td>+1 985 4299740</td>
<td><a href="mailto:tempico@tempico.com">tempico@tempico.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Delivers worldwide</td>
</tr>
<tr>
<td>Sterilisers New Zealand Ltd.</td>
<td><a href="http://www.sterilisersnz.com">www.sterilisersnz.com</a></td>
<td>17 Lorien Place, East Tamaki, PO Box 58-094 Greenmount, Auckland, New Zealand</td>
<td>+64 9 2746950</td>
<td>+64 9 2749898</td>
<td></td>
</tr>
<tr>
<td>Sterishred GmbH</td>
<td><a href="http://www.sterishred.com">www.sterishred.com</a></td>
<td>Hürtimattstrasse 30, CH - 6353 Weggis, Switzerland</td>
<td>+41 41 340 81 28</td>
<td>+41 41 340 81 27</td>
<td><a href="mailto:info@sterishred.com">info@sterishred.com</a> / <a href="mailto:service@sterishred.com">service@sterishred.com</a></td>
</tr>
<tr>
<td>Swingstar</td>
<td><a href="http://www.swingstargroup.com">www.swingstargroup.com</a></td>
<td>6/15, Indira Nagar Soc, Vashinaka, R.C.Marg, Chembur, Mumbai - 400 07, Maharashtra, India</td>
<td>+91 22 65275279</td>
<td>+91 22 25545434</td>
<td><a href="mailto:info@swingstargroup.org">info@swingstargroup.org</a></td>
</tr>
<tr>
<td>Systec GmbH Labor-Systemtechnik</td>
<td><a href="http://www.systec-lab.com">www.systec-lab.com</a></td>
<td>Sandusweg 11, D-35435 Wettenberg, Germany</td>
<td>+49 641 982110</td>
<td>+49 641 9821121</td>
<td><a href="mailto:info@systec-lab.com">info@systec-lab.com</a></td>
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</table>
**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
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www.ttm-germany.de

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

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Fax: +49 6421 87373-7

Email: Contact form on website

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

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Fax: +61 2 99227165
Email: info@medaust.com

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Phone: +31 76 5423510
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+1 631 7374850 / +1 800 6245836 (TOLL FREE)

Fax  
+1 631 7370720

Email  
info@tuttnauer.com

Also has a regional office in India

---

**UNTHA**

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  
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Email  
sales@untha.co.uk

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**Vecoplan, LLC**

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+1 336 8616070

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+1 336 8614329

Email  
vecoplan@LLC.com

---

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

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

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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.**

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

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

- **Fax**: +81 3 32316523
- **Email**: english-website@yamato-net.co.jp

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

- **Address**: Jhangdong Road, Nianxi, Yiwu City, Zhejaing, China 222000
- **Phone**: +86 0579 83803488
- **Fax**: +86 0579 85183271

YOMA Indian Instruments Manufacturing Company
www.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

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
**ALTERNATIVE HEALTH-CARE WASTE TREATMENT TECHNOLOGIES**

Global Inventory

**LISTING BY TECHNOLOGY TYPE**

### AUTOCLAVES AND STEAM STERILISERS

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<td>Ashwani Diagnostic Equipments Manufacturing Co. (Ademco)</td>
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<td>(A unit of Global Products Corporation)</td>
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<td>Jambu Pershad &amp; Sons</td>
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<td>Spain</td>
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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
Systec 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
UNTHA
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.
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.

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.

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
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.

Carribean
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.
Mercedor
Erdwich Zerkleinerungs Systeme GmbH
Esteem Industries Inc.
Logmed Coorporation GmbH
Systec GmbH Labor-Systemtechnik
TTM Technologie Transfer Marburg e.V.
WEBECO Hygiene in Medizin und Labor GmbH & Co. KG
Ghana
Esteeem Industries Inc.

Greece
Esteeem Industries Inc.
Newster Srl & Tecno Service First Srl

Guatemala
Industrial Olmar, S.A.

Hungary
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Celitron Medical Technologies Kft.
Newster Srl & Tecno Service First Srl

Iceland
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India
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Jambu Pershad & Sons
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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
Sandep Instruments and Chemicals
Shambhavi Impex
Shiv Dial Sud & Sons
Skylab Instruments & Engineering PVT. LTD.
Swingstar
YOMA Indian Instruments Manufacturing Company

Indonesia
Esteeem Industries Inc.

Iran
Newster Srl & Tecno Service First Srl
Sazgar
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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 & Tecnico 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.
Atashi 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.