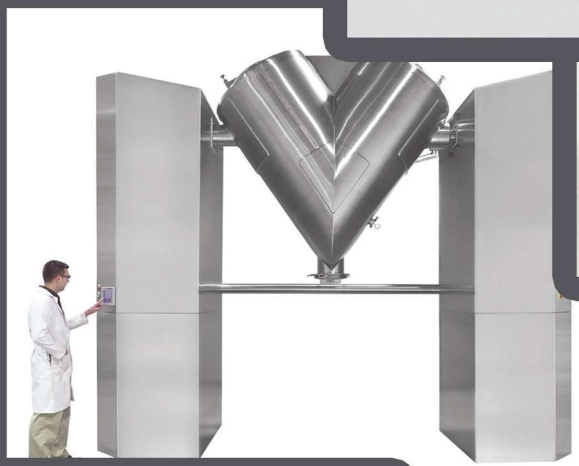
LIFE SCIENCE connect
CONNECTING BUYERS & SUPPLIERS



2013 *Essential* Pharma/Biopharm Equipment Guide

ANALYTICAL EQUIPMENT/TECHNOLOGIES

Agilent Technologies	www.agilent.com
Anton Paar GmbH	www.anton-paar.com
Micromeritics	www.micromeritics.com
Shimadzu Scientific Instruments	www.ssi.shimadzu.com
Waters	www.waters.com

ASEPTIC TRANSFER SYSTEMS

AdvantaPure® NEWAGE INDUSTRIES

AdvantaPure®
www.advantapure.com/lsl3
Contact: Sales Team
(800) 400-4738
info@advantapure.com

Aseptic Tubing and Components

Tubing and reinforced hose of platinum-cured silicone, biopharmaceutical TPE, PTFE, FEP, and EPDM may be sterilized by autoclave, SIP, CIP, or gamma irradiation, depending on material. Single use tubing and molded manifold assemblies simplify cleaning procedures and validations. Components include BioClosure® container closures, aseptic connectors, filters, Tri-Clamp® fittings, and more. Many hoses offer complete validation packages and extractables test portfolios. Request a tubing sample.

AdvantaPure	www.advantapure.com/lsl3
Getinge	www.getinge.com
Nelson-Jameson	www.nelsonjameson.com
Quality Management, Inc.	www.qmisystems.com
Sartorius Stedim	www.sartorius.us

BIOREACTORS & FERMENTORS

Applikon Biotechnology	www.applikon-bio.com
ATMI	www.atmi.com
DASGIP AG	www.dasgip.com
EMD Millipore	www.millipore.com
GE Healthcare	www.gehealthcare.com
New Brunswick	newbrunswick.eppendorf.com
Pall Corporation	www.pall.com
PBS Biotech	www.pbsbiotech.com
Sartorius Stedim	www.sartorius.us
Thermo Scientific HyClone	www.thermoscientific.com/hyclone
Xcellerex	www.xcellerex.com

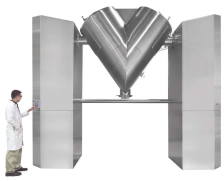
BLENDERS & MIXERS

Buflovak SETTING THE ENGINEERING STANDARD SINCE 1901 | PK PROCESS KNOWLEDGE & EQUIPMENT

Patterson Kelley/Buflovak LLC
www.pkblenders.com
Contact: Tom Chirkot
(201) 965-9184
tchirkot@pkblenders.com

Powder Processors

Patterson Kelley, a market innovator in powder processing for over 60 years, offers a full line of batch and continuous equipment including blenders, mixers, dryers, and granulators. A recent development in continuous processing equipment is capable of providing a variety of common unit operations at low throughput ranges between 5 kg/hr and 200 kg/hr. The product offering includes pharmaceutical grade powder feeders and the mixer/granulator, as well appropriate analytical device.



Charles Ross and Son	www.mixers.com
Patterson Kelley	www.pkblenders.com
Quadro Engineering	www.quadro.com
SERVOLiFT LLC	www.servo-lift.com
Sharpe Mixers	www.sharpemixers.com
Silverson	www.silverson.com

BLISTER PACKAGING

Bosch Packaging Technology	www.boschpackaging.com
IMA	www.ima-pharma.com
Pharmaland Technologies	www.pharmalandtech.com
Uhlmann Packaging Systems LP	www.uhlmann.de/en.html

BLOW/FILL/SEAL

WEILER®

Weiler Engineering, Inc.
www.weilerengineering.com
Contact: C.H. Reed
(847) 697-4900
creed@weilerengineering.com

Model 628 All-Electric Machine

Weiler Engineering, Inc. offers the all-electric version of the popular ASEP-TECH® Model 628 blow/fill/seal machine from Weiler Engineering, Inc.
The all-electric model offers the ultimate in green processing, with a small carbon footprint, enhancing the quality of the processing environment through highly reduced particulate generation. The all-electric option is ideal for injectable product applications.
The Model 628 can produce sterile, liquid filled, tamper-evident containers ranging in size from 0.5mL up to 500mL, in full-scale production quantities.

Rommelag AG	www.rommelag.com
Weiler Engineering, Inc.	www.weilerengineering.com

CAPSULE FILLING

Bosch Packaging Technology	www.boschpackaging.com
Capsugel	www.capsugel.com
Harro Höfliger	www.hoefliger.de
IMA	www.ima-pharma.com
MG America	www.mgamerica.com

CHECKWEIGHERS

Bosch Packaging Technology	www.boschpackaging.com
Mettler Toledo Hi-Speed	www.mt.com/hispeed
OCS Checkweighers, Inc.	www.ocs-cw.com/en/home
Thermo Scientific	www.thermoscientific.com

CLEANROOMS

AES Clean Technology, Inc.	www.aesclean.com
Nicomac	www.nicomac.com
Terra Universal, Inc.	www.terrauniversal.com

CONTAINMENT

WALKER BARRIER SYSTEMS

Walker Barrier Systems
www.walkerbarrier.com
Contact: Gary Partington
(608) 562-7761
gpartington@walkerbarrier.com

Containment Solutions

Walker Barrier Systems designs and manufactures containment systems including isolators and downflow booths for operator protection to the pharmaceutical and biotech industries. We also provide aseptic isolators and Restricted Access Barriers (RABs). Visit www.walkerbarrier.com for more information.

CONTAINMENT (cont.)

Bosch Packaging Technology	www.boschpackaging.com
Comecer	www.comecer.com
Flow Sciences, Inc.	www.flowsciences.com
ILC Dover	www.ilcdover.com
IMA	www.ima-pharma.com
Integrated Containment Systems, LLC	www.integratedcontainmentsystems.com
PharmaSystems	www.pharmasystems.com
SERVOLiFT LLC	www.servo-lift.com
SKAN AG	www.skan.ch/en
Walker Barrier Systems	www.walkerbarrier.com

DISPOSABLES

AdvantaPure® NewAge Industries

AdvantaPure®
www.advantapure.com/lsl4
Contact: Sales Team
(800) 400-4738
info@advantapure.com

Single Use Process Systems

Disposable systems for pharmaceutical and biotech processing eliminate production stoppages for sterilization, reduce the risk of contamination, and increase efficiencies. Single use systems simplify cleaning validations — use once and discard. Each system is custom made in the U.S. using platinum-cured silicone tubing or AdvantaFlex® biopharmaceutical TPE tubing. Add molded fittings and other assembled components such as filters, bags, bottles, stoppers and container closures for a complete, ready-to-use system. Request a silicone Y connection sample.

3M Purification	www.3mpurification.com
AdvantaPure	www.advantapure.com/lsl4
Aquasyn, LLC	www.aquasyn.com
Colder Products Company	www.colder.com
GE Healthcare	www.gehealthcare.com
Meissner Filtration	www.meissner.com
Pall Corporation	www.pall.com
Saint Gobain Performance Plastics	www.plastics.saint-gobain.com
Sartorius Stedim	www.sartorius.us
Thermo Scientific HyClone	www.thermoscientific.com/hyclone

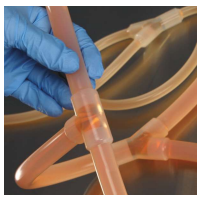
FILLING EQUIPMENT

AdvantaPure® NewAge Industries

AdvantaPure®
www.advantapure.com/lsl1
Contact: Sales Team
(800) 400-4738
info@advantapure.com

Single Use Molded Manifolds

Ideal for batch filling and sampling applications, single use manifolds combine tubing with molded fittings to eliminate many barbed fitting connections and their risk for leaks, contamination, and a wasted batch of costly pharmaceutical product. Simplifies cleaning validations and reduces downtime. Manufactured in the U.S. from platinum-cured silicone or AdvantaFlex® biopharmaceutical TPE. Validation and extractables test portfolios available, as well as validated sterility assurance. Request a silicone Y connection sample.



AdvantaPure	www.advantapure.com/lsl1
Bosch Packaging Technology	www.boschpackaging.com
Capmatic	www.capmatic.com
Chase-Logeman	www.chaselogeman.com
Cozzoli Machine Company	www.cozzoli.com
Filamatic	www.filamatic.com
IMA	www.ima-pharma.com
Marchesini Group S.p.A.	www.marchesini.com
PharmaSystems	www.pharmasystems.com

FILTRATION

3M Purification	www.3mpurification.com
Critical Process Filtration Inc.	www.criticalprocess.com
EMD Millipore	www.millipore.com
GE Healthcare	www.gehealthcare.com
Meissner Filtration	www.meissner.com
Pall Corporation	www.pall.com
Parker domnick hunter	www.parker.com/dhfns
Sartorius Stedim	www.sartorius.us
ZenPure	www.zenpure.com

FREEZE DRYERS

GEA Niro	www.niro.com
Labconco	www.labconco.com
Millrock Technology	www.millrocktech.com
SP Scientific	www.spscientific.com

HEAT EXCHANGERS

TITAN METAL FABRICATORS

TITAN Metal Fabricators
www.titanmf.com
Contact: Tom Ukolowicz
(805) 487-5050
tukolowicz@titanmf.com

Corrosion-Resistant Heat Exhangers

TITAN Metal Fabricators designs and manufactures corrosion-resistant equipment for applications involving chemically aggressive fluids.
TITAN specializes in fabrication of equipment using corrosion-resistant alloys including: Titanium, Tantalum, Zirconium, Hastelloy, High Nickel alloys, Duplex Stainless Steels, and Super Stainless Steels.
TITAN's fabrication and engineering covers a very broad spectrum of custom process equipment, and manufactures to the major standards and codes of the industry.
Heat Exchangers, Columns, Condensers, Dip Tubes, Piping, Reactors, Spargers, Storage Tanks, Vessels

Alfa Laval	www.alfalaval.com
Allegheny Bradford Corporation	www.alleghenybradford.com
Enerquip, Inc.	www.enerquip.com
SPX	www.spx.com
Titan Metal Fabricators	www.titanmf.com

HOSES

AdvantaPure® NEWAGE INDUSTRIES

AdvantaPure®
www.advantapure.com/lsl2
Contact: Sales Team
(800) 400-4738
info@advantapure.com

High Purity Hose

Silicone, TPE, PTFE, FEP, and EPDM hose from AdvantaPure® is designed to meet and anticipate the evolving needs of the pharmaceutical, biopharm, and other clean industries. Styles include unreinforced tubing for pump use and other fluid flow applications, reinforced versions for higher pressure capabilities and vacuum applications, and durable multi-layer hoses for more demanding jobs. Many hoses offer complete validation packages. AdvantaPure is ISO 9001:2008 certified and also provides solutions for single use process systems.

AdvantaPure	www.advantapure.com/lsl2
Crane	www.cranechempharma.com
GORE	www.gore.com
Resistoflex	www.resistoflex.com
Swagelok Company	www.swagelok.com

HPLC

Agilent Technologies	www.agilent.com
GE Healthcare	www.gehealthcare.com
Hamilton Company	www.hamiltoncompany.com
PerkinElmer	www.perkinelmer.com
Thermo Scientific	www.thermoscientific.com
Waters	www.waters.com

LABORATORY EQUIPMENT

3M Purification	www.3mpurification.com
Agilent Technologies	www.agilent.com
Anton Paar GmbH	www.anton-paar.com
Applikon Biotechnology	www.applikon-bio.com
Eppendorf International	www.eppendorf.com
Micromeritics	www.micromeritics.com
Miele Professional	www.miele-professional.com
NanoDrop	www.nanodrop.com
NuAire, Inc.	www.nuaire.com
Pall Corporation	www.pall.com
Saint Gobain Performance Plastics	www.plastics.saint-gobain.com
Sartorius Stedim	www.sartorius.us
Thermo Scientific	www.thermoscientific.com
Waters	www.waters.com

LEAK/SEAL INSPECTION

Bonfiglioli	www.bonfiglioliusa.com
Mocon	www.mocon.com
PTI Packaging Technologies & Inspection	www.ptiusa.com

LIMS

Core Informatics	www.corelims.com
Thermo Scientific	www.thermoscientific.com

LIQUID FILLING

Bosch Packaging Technology	www.boschpackaging.com
Chase-Logeman	www.chaselogeman.com
Filamatic	www.filamatic.com
IMA	www.ima-pharma.com
Marchesini Group S.p.A.	www.marchesini.com

METAL DETECTION

Bunting Magnetics	www.buntingmagnetics.com
CEIA	www.ceia-usa.com
Eriez Magnetics	www.eriez.com
Lock Inspection Systems	www.lockinspection.com
Loma Systems	www.loma.com
Mettler Toledo Hi-Speed	www.mt.com/hispeed
Thermo Scientific	www.thermoscientific.com

MIXING SYSTEMS

ASI	www.asisus.com
Pall Corporation	www.pall.com
Parker domnick hunter	www.parker.com/dhfns
Sartorius Stedim	www.sartorius.us

PARTICLE COUNTERS

Climet	www.climet.com
Hach	www.hach.com
Lighthouse Worldwide Solutions	www.golighthouse.com
TSI	www.tsi.com

ROLLER COMPACTORS

Alexanderwerk AG	www.alexanderwerk.com
Fitzpatrick Company	www.fitzmill.com
Freund-Vector Corporation	www.freund-vector.com
Gerteis	www.gerteis.com

SHAKERS AND INCUBATORS

Eppendorf International	www.eppendorf.com
NuAire, Inc.	www.nuaire.com
Sartorius Stedim	www.sartorius.us
Thermo Scientific	www.thermoscientific.com

SINGLE-USE BIOPROCESS BAGS

ASI	www.asisus.com
ATMI	www.atmi.com
Charter Medical, Ltd.	www.chartermedical.com
GE Healthcare	www.gehealthcare.com
Parker domnick hunter	www.parker.com/dhfns
Sartorius Stedim	www.sartorius.us
Thermo Scientific HyClone	www.thermoscientific.com/hyclone

SORBENT TECHNOLOGY

MULTISORB Technologies

Multisorb technologies
www.multisorb.com
(716) 824-8900
info@multisorb.com

StripPax® Sorbent Packets

StripPax® Sorbent Packets provide moisture, oxygen, and/or odor absorbing capabilities within a highly durable, non-dusting strip made from medical-grade, uncoated Tyvek®. StripPax Sorbent Packets take up little space in packaging yet have high moisture adsorption capacity. Because they are soft and flexible, they will not damage tablets or capsules. The packets, which are offered in a variety of sorbent blends and sizes, are designed to be dispensed using their coordinated APA- series of packet dispensers.

SORBENT TECHNOLOGY (cont.)

Clariant - Süd-Chemie	www.sud-chemie.com
Desiccare, Inc.	www.desiccare.com
Multisorb	www.multisorb.com

SPECTROMETERS

Agilent Technologies	www.agilent.com
Micromeritics	www.micromeritics.com
PerkinElmer	www.perkinelmer.com

STAINLESS STEEL TANKS

Allegheny Bradford Corporation	www.alleghenybradford.com
DCI Inc	www.dciinc.com
Feldmeier Equipment Inc.	www.feldmeier.com
IEDCO	www.iedco.com
Lee Industries	www.leeindustries.com
Paul Mueller Company	www.muel.com
Sharpsville Container Corporation	www.sharpsvillecontainer.com
Stainless Container Systems	www.stainlesscontainer.com
Walker Stainless Equipment	www.walkerstainless.com

TABLET DEDUSTERS

Krämer

Kraemer U.S.
www.kraemerus.com
Contact: Andre Petric
(201) 962-8200
andre.petric@kraemerag.com

Kraemer Tablet Deduster/Conveyor

Vertical tablet dedusters/conveyors have become an economical way to efficiently convey and de-dust tablets utilizing a very small footprint. The vertical vibratory conveyor uses gentle vibration to convey the product upward in a spiral along a smooth, perforated surface. Three models are available to meet conveying speeds up to 6.3 million tablets per hour and conveying heights up to 1.6 meters. Kraemer is your partner in high capacity vertical tablet conveyors/dedusters.

TABLET DEDUSTERS (cont.)

IMA	www.ima-pharma.com
Key International	www.keyinternational.com
Kraemer US, LLC	www.kraemerus.com
Natoli Engineering	www.natoli.com
Stevens Industries, Inc.	www.stevensind.com

TABLET PRESSES

Bosch Packaging Technology	www.boschpackaging.com
Fette America	www.fetteamerica.com
KORSCH	www.korschamerica.com
Natoli Engineering	www.natoli.com
SMI	www.smitmc.com

TABLET VISION INSPECTION

Daiichi Sankyo, Inc.	www.dsi.com
Optel Vision	www.optelvision.com
Proditec	www.proditec.com

TUBING/CONNECTORS

AdvantaPure®
NewAge Industries

AdvantaPure®
www.advantapure.com/lsl5
Contact: Sales Team
(800) 400-4738
info@advantapure.com

High Purity Tubing and Connectors

Tubing of platinum-cured silicone and AdvantaFlex® biopharmaceutical TPE is certified free of animal-derived ingredients. The tubing may be sterilized by autoclave or gamma irradiation and is available with validated sterility assurance of 10-6 per ISO 11137 method VDmax. Complete validation packages and extractables test portfolios are available. Sanitary fittings with a 15 Ra or better finish and eight-sided designs for easier tightening are offered, along with molded connectors and hose assemblies. Request a tubing sample.

TUBING/CONNECTORS (cont.)

AdvantaPure	www.advantapure.com/lsl5
Colder Products Company	www.colder.com
Pall Corporation	www.pall.com
Saint Gobain Performance Plastics	www.plastics.saint-gobain.com
Value Plastics	www.valueplastics.com

USED EQUIPMENT

Federal Equipment Company

Federal Equipment Company
www.fedequip.com
Contact: Adam Covitt
(800) 652-2466
deals@fedequip.com

Used Process Equipment

Federal Equipment is a top supplier of pharmaceutical process, packaging, and pilot through production machinery. With thousands of pieces of equipment in more than 600,000 square feet of warehouse space, we are one of the largest suppliers of used pharmaceutical process equipment. Our relationship with Pfizer Inc. provides us with excellent used process and packaging equipment. Federal Equipment is the right choice for the discerning equipment buyer. See our entire stock of equipment at www.fedequip.com.

Aaron Equipment	www.aaronequipment.com
EquipNet	www.equipnet.com
Federal Equipment Company	www.fedequip.com
GoIndustry Dovebid	www.go-dove.com

VACUUM CONVEYORS

K-Tron International, Inc.	www.ktron.com
Quadro Engineering	www.quadro.com
VAC-U-MAX	www.vac-u-max.com
Volkmann	www.volkmannusa.com

VALVES

Aquasyn, LLC	www.aquasyn.com

The Online Industry Standard

Pharmaceutical Online

A LIFE SCIENCE connect BRAND

You've got a busy job, and you don't have time to scour the internet for all the latest information on industry news and pharma suppliers. Connect with the whole industry at one location.

www.PharmaceuticalOnline.com

Life Science Connect - covering the entire drug development cycle

Drug Discovery Online
A LIFE SCIENCE connect BRAND

Clinical Leader
A LIFE SCIENCE connect BRAND

Laboratory Network.com
A LIFE SCIENCE connect BRAND

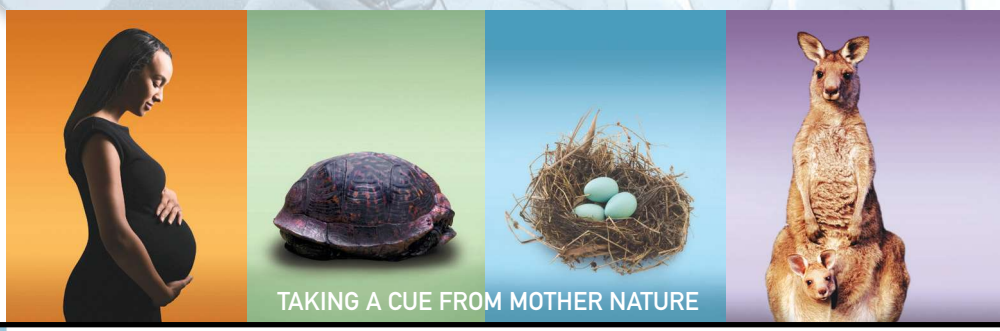
Bioresearch Online
A LIFE SCIENCE connect BRAND

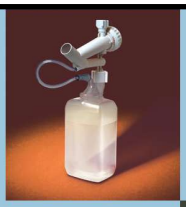
Outsourced Pharma
A LIFE SCIENCE connect BRAND

Life Science Leader
A LIFE SCIENCE connect BRAND

Weiler Engineering ... IT'S SAFER INSIDE

1395 Gateway Drive
Elgin, Illinois 60124 USA
PHONE: **847-697-4900**
FAX: **847-697-4915**





Corporate Description

Weiler Engineering, a leading provider of aseptic custom packaging equipment for pharmaceutical and healthcare applications, has virtually eliminated contamination concerns.

Committed to the highest standards of excellence and to further expanding products and systems to enhance patient care, Weiler's proprietary ASEP-TECH® Blow/Fill/Seal packaging machines produce shatterproof, durable, aseptically-packaged products in one uninterrupted operation. This hands-free manufacturing process ensures parenterals, ophthalmic solutions, and respiratory drugs reach the marketplace in the most sterile, cost-effective manner possible—every time.

The ASEP-TECH® System is the culmination of 40 years of innovation in machine design and sterile process development, producing the most advanced aseptic liquid packaging process available today.

WEILER®

Safeguarding solutions through innovative packaging

www.asep-tech.com