

**ROLLER COMPACTION**

Alexanderwerk Pharma Series of roller compactors are cantilever models that feature rollers supported on the machine side only. This leaves the other roller end open to facilitate quick roller changeover and cleaning. Integrated granulation capabilities include either single- or multi-stage granulators. Pharma roller compactors are modular, easy to clean, and meet current FDA CFR/cGMP requirements. All units are constructed to reduce dusting in both the product and the manufacturing environment.

**The Pharma Series Of Roller Compactors Features:**

- ◆ Throughput from 5 grams to 400 kg/hr
- ◆ cGMP design
- ◆ Cantilever roller design for fast changeovers
- ◆ PLC control
- ◆ Separation of drives from production area
- ◆ Reproducible scale-up/scale-down capabilities
- ◆ Stainless steel construction.

**A Wide Variety Of Options Includes:**

- ◆ Combi-Vent feed system
- ◆ Vacuum system
- ◆ Isolation capability
- ◆ 21 CFR Part 11
- ◆ WIP capability
- ◆ Roller cooling.



**Alexanderwerk Inc.**

427 Sargon Way, Unit E, Horsham, PA 19044

Contact: Bill Fucich

PH: (215) 442-0270 ◆ FX: (215) 442-0271

generalinfo@alexanderwerkinc.com ◆ www.alexanderwerkinc.com

**SINGLE-USE TECHNOLOGY**



**Single-Use Systems**

Advanced Scientifics' single-use systems are designed for use in the life science industry with diagnostic, labs, pharmaceutical, or biopharmaceutical applications. With sizes ranging from 50 mL to 3,500 L, the company can manufacture single-use containers of nearly any configuration. Advanced Scientifics can produce 3-D bags from 10 L and up specific to customer height, width, and depth, as well as porting requirements. This allows the capability to manufacture systems regardless of the tote or carrier.

Advanced Scientifics carries a variety of connectors, tubing options, and filters from each of the major providers, resulting in porting options of nearly limitless configurations.

Advanced Scientifics' single-use systems are supplied irradiation sterile, meeting and exceeding the highest industry standard in sterility and validations using high-purity Class VI /non-animal origin films (polyethylene and ethyl vinyl acetate). A complete data and testing package is available on Advanced Scientifics' family of films.

**Advanced Scientifics, Inc.**

163 Research Lane, Millersburg, PA 17061

PH: (717) 692-2104 ◆ FX: (717) 692-2197

www.advancedscientifics.com

**SINGLE-USE TECHNOLOGY**

Meissner manufactures leading-edge membrane filters, single-use biocontainer and fluid path assemblies, filter housings, and integrity test instruments to optimize your critical pharmaceutical and biomanufacturing applications. Meissner Technical Services (MTS) provides clients with complete technical and validation support for its manufactured filters and its One-Touch® single-use systems portfolio.

Meissner's filters (0.04 to 99 micron) provide sterile filtration, mycoplasma removal and virus reduction, prefiltration, clarification, and gel and colloid removal in both liquid and gas streams. Our One-Touch® single-use systems portfolio, including TepoFlex® biocontainer assemblies (in volumes from 50 mL to 1,000 L), FluoroFlex® biocontainer assemblies (in volumes from 50 mL to 20 L), BioFlex™ fluid path assemblies (which can include filters), and FlexStation™ rigid outer containers, provides mobile fluid handling solutions.



Meissner's global customer base is serviced through our worldwide network of filtration and single-use systems experts. Visit our website to download product literature, including our TepoFlex® Biocontainer Standards Guide, at www.meissner.com!

**Meissner Filtration Products**

4181 Calle Tesoro, Camarillo, CA 93012

PH: (805) 388-9911 ◆ FX: (805) 388-5948

info@meissner.com ◆ www.meissner.com

**SINGLE-USE VALVE TECHNOLOGY**

From the people at Aquasyn™... ARTeSYN™, a new concept in the area of "Single-Use" fluid management. No longer do you have to utilize forceps or tube clamps to regulate the flow of your process. ARTeSYN™, is the new "Arterial Process Valve" for your single use applications.



Quick change out of the process elements in various materials and customizable configurations means you are guaranteed the ultimate solution to your specific process requirements. No cleaning required!

Available in orientations with liners including integral hygienic gasket ends, custom ends or plain tube ends with manual and pneumatic actuation. Create disposable flow paths that greatly reduce your hold up volumes and overall system cost.

Desire automation of your disposable process? This is the solution. Easily retrofitted with pneumatically actuated control tops and electrical position indicators. Simplify the cleanup of your existing system with a drop in replacement for your fractional diaphragm valves, today.

**Experience the Aquasyn Difference.**

**Aquasyn LLC**

9525 Owensmouth Avenue, Suite E, Chatsworth, CA 91311

PH: (818) 350-0423 ◆ FX: (818) 350-0424

sales@aquasyn.com ◆ www.aquasyn.com

www.artesyntprocesssolutions.com