



 **Cole-Parmer®**

**SANITARY AND STERILE  
PRODUCTS**

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**CERTIFIED TO MEET  
YOUR REGULATORY  
COMPLIANCE NEEDS**



***INSTRUMENTS!***

***EQUIPMENT!***

***LAB SUPPLIES!***

# Sanitary and Sterile Products

## COLE-PARMER IS YOUR LEADING SOURCE FOR SANITARY INSTRUMENTS, EQUIPMENT, AND CONSUMABLES

### SANITARY PRESSURE INSTRUMENTS

Whether you're measuring high-viscosity media, hot water, or dairy products, Cole-Parmer offers sanitary pressure and vacuum instruments for almost any application.

- Pressure gauges, in-line seals, transducers, and switches
- Meet 3A, CIP, SIP, and Ra finish requirements
- Vastly expanded product line



### SANITARY FLOWMETERS

Cole-Parmer features turbine and magnetic flowmeters for sanitary process. Product options include remote-mount, heavy-duty, and high-accuracy/high-performance meters ideal for high-purity applications.

- Tri-Clamp® connections from 3/4" to 2"
- Transmitting units
- Commercial-grade OEM models
- Meet 3A, CIP, SIP, and Ra finish requirements



#### **INNOCAL®** CALIBRATION SERVICES

Our ANSI/ISO/IEC 17025-accredited metrology lab offers NIST certification and repair services.

- Temperature
- Flowmeters
- Pressure
- More...

For complete information, visit [InnoCalSolutions.com](http://InnoCalSolutions.com)

### SANITARY PUMPS AND MIXERS

Cole-Parmer offers a wide range of sanitary pumps—from peristaltic and metering, to positive displacement, centrifugal, drum, and hand-operated. We also offer mixers specifically designed for applications where cGMP requirements are standard.

- Clean-in-Place (CIP) and Steam-in-Place (SIP) designs
- 3A rated and designed for easy, thorough cleanability
- Manufactured with 316L stainless steel
- FDA, USP Class VI, 3A-approved materials



## SANITARY TUBING

Cole-Parmer supplies sanitary tubing that meets all your critical environment requirements, and regulatory approval and documentation needs.

- Meet such requirements as Particulate Class Approvals, Contamination Control, Irradiation Sterilized in Sterile Packaging, and Designed for Cleanability
- Meet FDA 21 CFR, USP Class VI, and EP requirements
- Certificates of Compliance and Calibration, Lot Traceability, and Validation Support Materials are available



## SANITARY FITTINGS, GASKETS, AND CLAMPS

Look to Cole-Parmer for components to keep your sanitary process within regulatory guidelines.

- Meet USP Class VI for pharmaceutical use and FDA, USDA, and 3A standards
- Manufactured with materials that include PP, PVDF, PFA, silicone, and 304 and 316L stainless steel
- Offer interior surface finishes of 20Ra mechanical and 15Ra electropolished



### BioConnect™ Custom Sterilized and Non-Sterilized Disposable Biopharmaceutical Assemblies

- Order assemblies gamma-sterilized and validated to 10<sup>-6</sup> SAL
- Choose from thousands of brand-name components
- For complete information, visit [ColeParmer.com/Bioconnect](http://ColeParmer.com/Bioconnect)

## STERILE LABWARE

Sterile consumables, such as microwell plates, syringes and needles, tissue culture flasks and dishes, microcentrifuge tubes, and precleaned sample containers with certificates of analysis are essential for many laboratory applications. Make Cole-Parmer your one-stop resource for all things sterile in the lab!



## NOW CONVENIENTLY AVAILABLE ONLINE AT [COLEPARMER.COM/SANITARY!](http://COLEPARMER.COM/SANITARY)

Cole-Parmer has developed a dedicated online catalog—[ColeParmer.com/Sanitary](http://ColeParmer.com/Sanitary)—to efficiently provide solutions for your sanitary and sterile product needs. [ColeParmer.com/Sanitary](http://ColeParmer.com/Sanitary) is a convenient way to shop for products designed and certified to meet industry standards. When your job depends on system validation and regulatory compliance, you can depend on [ColeParmer.com/Sanitary](http://ColeParmer.com/Sanitary) to provide a broad selection of the finest products available.

**In the U.S.**

625 E. Bunker Court  
 Vernon Hills, IL 60061  
 Call toll-free 800-323-4340  
 Phone: 847-549-7600  
 Fax: 847-247-2929  
[www.coleparmer.com](http://www.coleparmer.com)

**In Canada**

Call toll-free 800-363-5900  
 Phone: 514-355-6100  
 Fax: 514-355-7119  
[www.coleparmer.ca](http://www.coleparmer.ca)

**In India**

Phone: 91-22-6716-2222  
 Fax: 91-22-6716-2211  
[www.coleparmer.in](http://www.coleparmer.in)

**In the United Kingdom**

Free phone: 0500-345-300  
 Phone: 020-8574-7556  
 Fax: 020-8574-7543  
[www.coleparmer.co.uk](http://www.coleparmer.co.uk)

**International customers**

Call 847-549-7600 to reach our  
 International Sales Department  
 or contact your local dealer.



**FREE TECHNICAL  
 APPLICATIONS ASSISTANCE!**

**COLE-PARMER OFFERS SANITARY AND STERILE PRODUCTS FOR  
 LABORATORY RESEARCH, PROCESS ENGINEERING,  
 MANUFACTURING, AND PRODUCTION!**

**VISIT [COLEPARMER.COM/SANITARY](http://COLEPARMER.COM/SANITARY) TODAY!**

**Our sanitary products meet your critical  
 environment requirements**

- FDA 21 CFR 177.2600, USP Class VI, 3A Sanitary, cGMPs, NSF-listed (Standard 51), European Pharmacopoeia

**...your regulatory approval**

- Certificates of Compliance and Calibration, Lot Traceability, and Validation Support Materials are available upon request

**...and your documentation needs!**

- Our products meet such requirements as Particulate Class Approvals, Contamination Control, Irradiation Sterilized in Sterile Packaging, and Designed for Cleanability

**We provide the sanitary solutions you require!**

- FDA 21 CFR registered products
- Sanitary Fittings, Gaskets, and Clamps
- Sanitary Flowmeters • Sanitary Mixers
- Sanitary Pressure Instruments
- Sanitary Pumps • Sanitary Tubing
- Sanitary Valves • Sterile Filtration
- Sterile Labware • Sterile Tank Liners
- Sterilizing Equipment
- USP Class VI Products

**Suitable for research and process applications!**

- Chemical Injection • Chromatography
- Cosmetics • Demineralized Water Transfer
- Distilled Water Pumping
- Fermentation Applications
- Filtration Applications • Filtration Cell
- Fraction Collecting • H<sub>2</sub>O Pumping
- Homogeneous Solutions
- Infusion Pumping
- Ionic IOC Analyzing
- IPA to Clean Dializer
- Hepatocytes Isolation
- Lab Injection Metering
- Large Volume Transferring from Buffer Tanks
- Liquid Phase Chemiluminescence
- Magnetic Particle Separation
- Microbiology • Nutrition Feed Process
- Pharmaceutical Liquids Pump
- Sterilizing Media • Flow Cell Pumping
- Ultrafiltration • Water Sampling