

# ADVANCED INFECTION CONTROL SOLUTIONS that help hospitals reduce infection rates



## One Partner. Multiple Options.

Want to streamline the science of infection control? Think Parker. Our ability to design, prototype, and manufacture shortens the design cycle. Plus our unrivaled global footprint means fewer suppliers, faster throughput, and local sourcing for you, all of which minimizes costs and boosts productivity.

From disposable filters that reduce hospital borne infections, to connectors, seals, tubing, control valve assemblies, and more, our breadth of technology makes us a strong, reliable partner for infection control OEMs, delivering:

- Inventive system solutions that utilize our complete range of temperature, movement, and control products
- Advances that are smaller, lighter, quieter, and more reliable

Whether for autoclaves, endoscope reprocessors, or infection control systems, early collaboration with Parker sparks innovation and efficiency. What's more, our selectable levels of integration – which include components, subsystems, and integrated systems – reduce technical risk, lower development cost, and speed time to market.



### Innovative Solutions for:

- Large scale autoclaves
- Tabletop medical autoclaves
- Dental autoclaves
- Endoscope and disinfection washers
- Hospital infection control systems

### Parker Capabilities:

- Rapid prototyping
- Custom components and assemblies
- Integrated solutions
- FEA – finite element analysis
- CFD – computational fluid dynamics
- Logistics management



ENGINEERING YOUR SUCCESS.

# Proven Solutions for Infection Control

A financially stable and globally connected collaborative partner, Parker has been adding value to infection control around the world for more than 40 years.

## AUTOCLAVES: Large Scale, Tabletop Medical, and Dental

- **Vent/autoclave air and gas filter**

Provides air inlet filtration for system air used to replace evacuated steam.



- **LIQUIfit™ fittings and quick couplings**

Provide connections for high temperature water and steam.



- **A-LOK® tube fittings**

Provide leak-free connections for process and control systems.



- **FEP and PFA tubing**

A comprehensive and extremely versatile range of high purity tubing for high temperature water delivery lines.



- **EPDM and silicone door seals**

Prevent steam leakage at autoclave door.



- **Angle body valves**

Control autoclave steam actuation.



- **Pneumatic rodless cylinders and linear guides**

Actuate high capacity autoclave doors.



- **EMI shielding**

Optically enhanced display screens, conductive elastomers, coatings, plastics, and foil laminates.

- **Direct acting and stainless steel solenoid valves**

Provide water/steam loading for steam generator and pump shut-off line, steam evacuation of sterilization vessel, and vacuum holding.



- **USP Class VI silicone tubing**

Supply lines for heated water.



## ENDOSCOPE AND DISINFECTION WASHERS

- **Stainless steel solenoid valves**

Control water flow to washing systems.



- **Water filters with replaceable cartridges**

Supply water for wash systems.

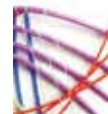


- **Connectors and fittings**  
LIQUIfit™ fittings provide connections for water and disinfectant supply lines. PVDF and PEEK connectors provide reliable high pressure and high temperature connections. Plastic and BT Series quick couplings allow easy removal of supply lines from endoscopes.



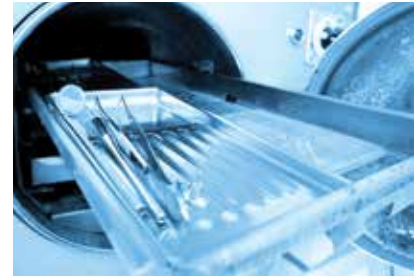
- **Advanced polyethylene (PE) tubing**

Transfer of water and disinfecting detergents.



- **USP Class VI and ISO 10993 O-rings**

Provide static sealing for water and disinfecting service line connections.



## ENGINEERED SOLUTIONS AND VALUE-ADDED ASSEMBLIES

- **Autoclave steam filtration units**

Protect steam process system equipment from particulates that may be present in steam.



- **Connector block assembly**

Simplifies multiple connections of fluid distribution lines.



- **Custom flow control valves**

Control water and steam loading. Also available in modular manifold assemblies.



## INNOVATION IN ACTION: Chamber Door Seals

- Unique combinations of custom designed seal geometry, Duramed™ anti-stick coating and advanced materials, including USP Class VI and/or FDA "white listed"



- Superior sealing and durability that lower overall maintenance costs

- Resistant to compression set, steam, high pressure, extreme temperatures

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