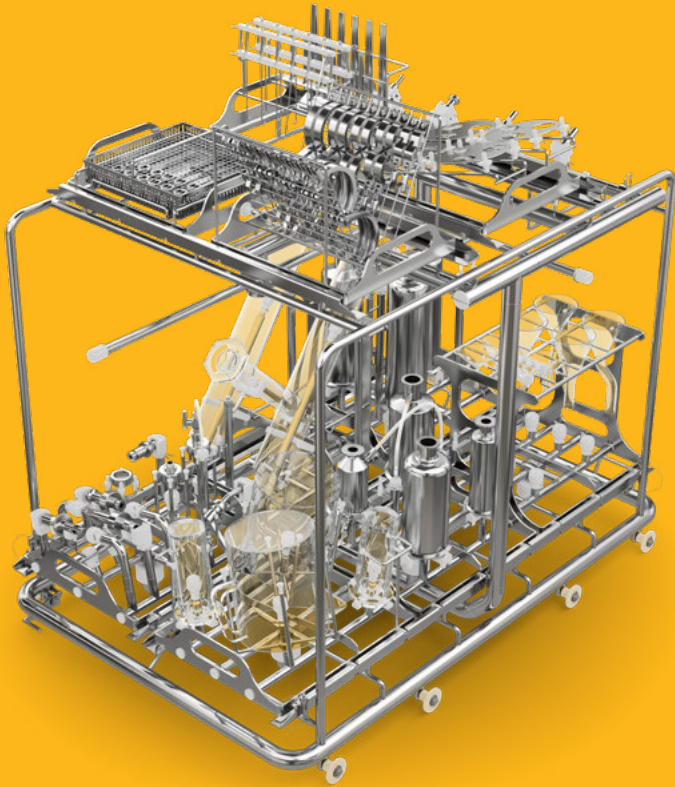


teg



BIOPHARMA SPECIALISTS



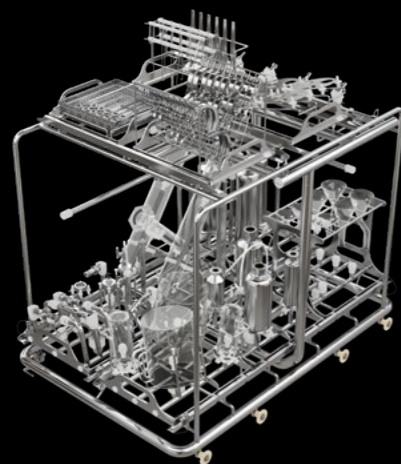
BioPharmaceutical

WE ARE INTEGRAL.

Biopharma Products

TEG engineer's and manufactures custom cGMP products for the bio-pharmaceutical industry.

Everything from Cleanroom Storage solutions, Inspection Booths, Custom parts washing racks/carts to one-off engineering solutions for fill/finish/Inspection areas. We understand how important quality and delivery are, so we guarantee our products work first time for you. We have 25 Engineers dedicated to developing the perfect solution for your factory. Our Range of services for the Bio-Pharmaceutical Industry include:



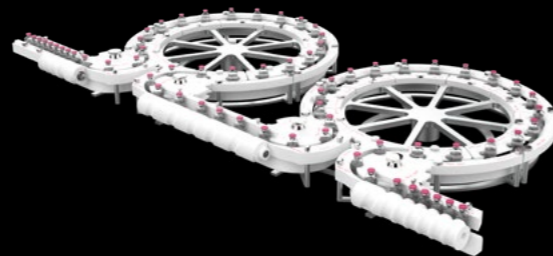
Parts Washing Racks



Custom cGMP Storage



Manual Inspection Equipment

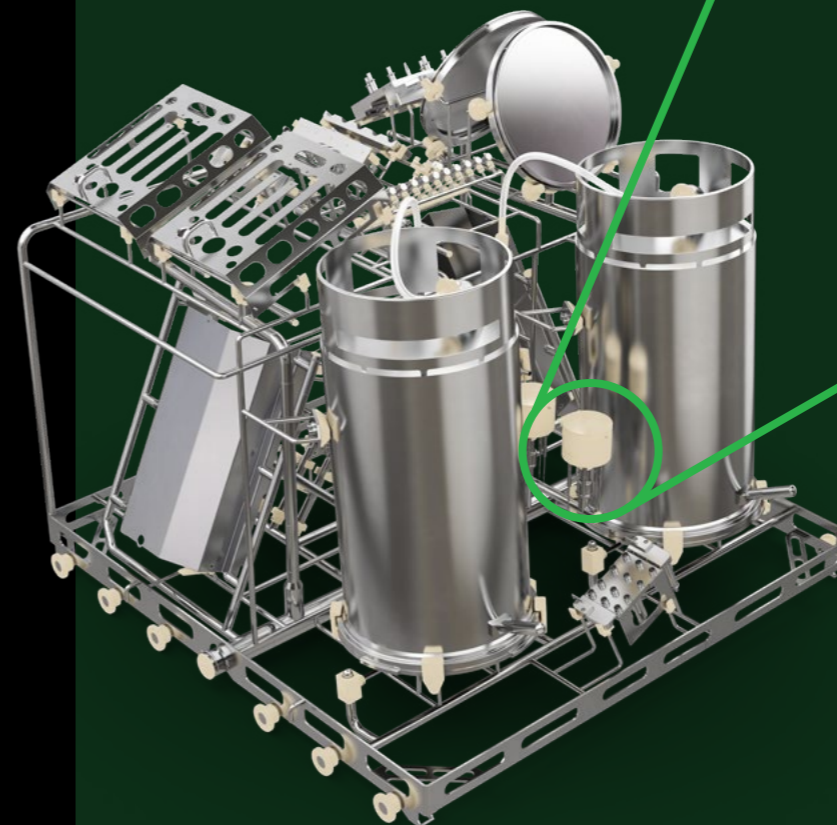


Format Parts

Parts Washer Racks

TEG designs and Manufactures custom wash racks for all brands of parts washing machines.

Using our advanced laser scanning, Computational Fluid Dynamic, 3D modelling software and state of the art FAT Testing facility, TEG guarantees fit, and coverage of every custom rack supplied.

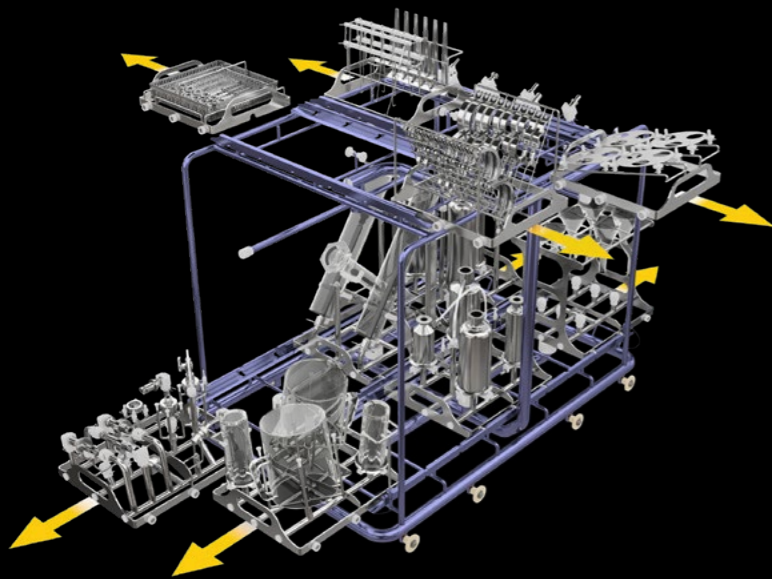


Filling Needle
Washing Solutions

Modular Wash Rack Systems (Sub Racks)

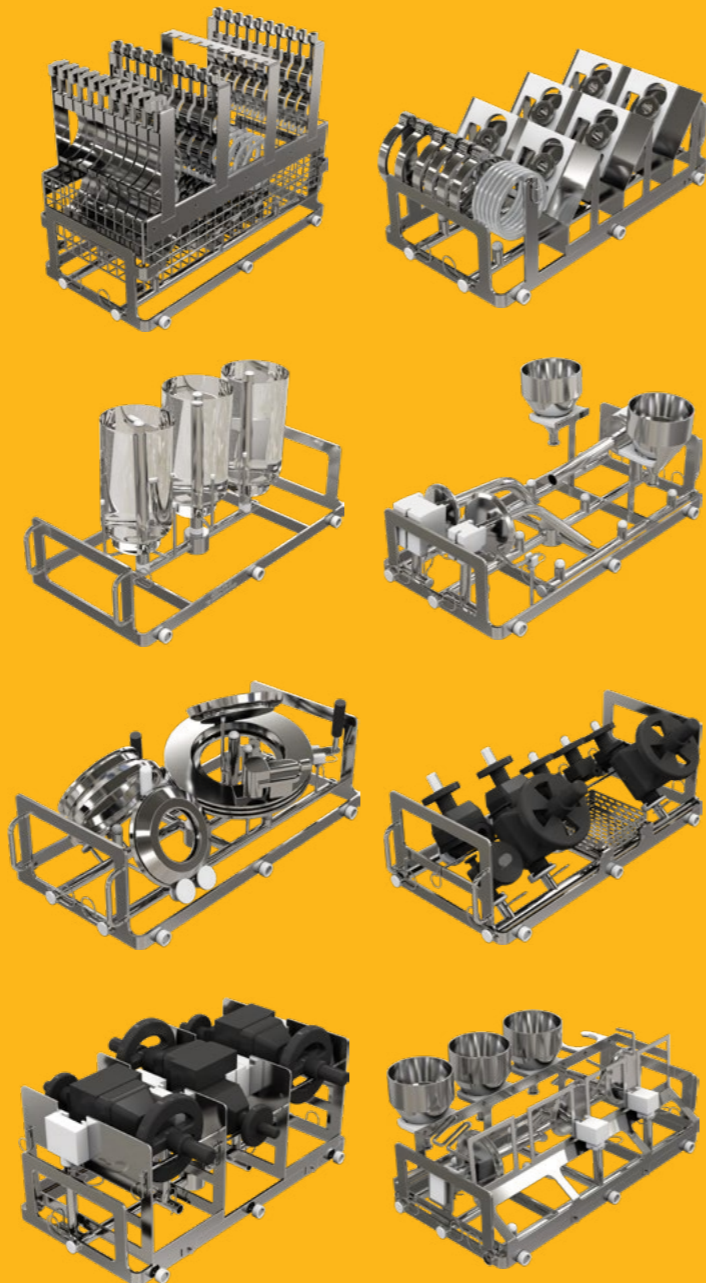
TEG has pioneered several technologies to bring a truly revolutionary range of modular products to this area.

Using a Custom Main Rack and Sub Racks that are fully CFD Balanced to each other, the customer can create many different wash load configurations with the same modules. This results in less racks needed, and much better flexibility for future loads.



Each Module (Sub Rack) is custom designed specifically to orientate and wash your components. Using our double sealed hydraulic pop-up connection, water is supplied to the sub racks by the main rack.

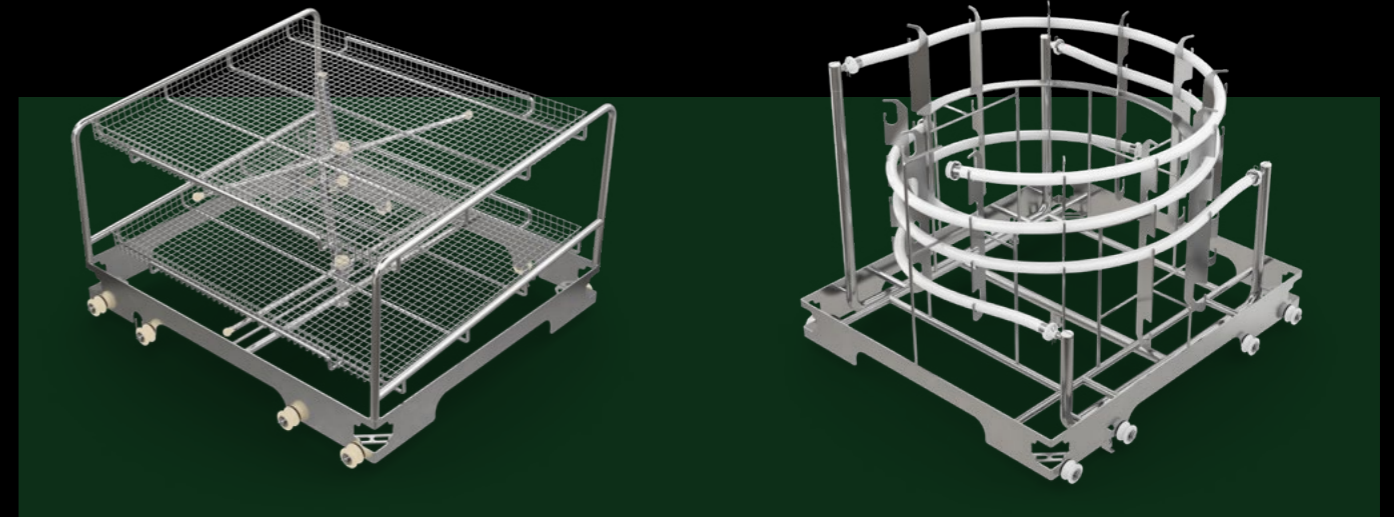
SAMPLE SUB RACKS



General Cleaning Basket racks & Hose Racks

Easy to use and intuitive designs.

These are the most flexible washing method. Depending on which machine you have and the components you want to wash, TEG will propose the right solution for you.



Difficult Washing Solutions

TEG Develop a lot of new cleaning strategies for our customers. If you have a difficult product to clean, contact our team

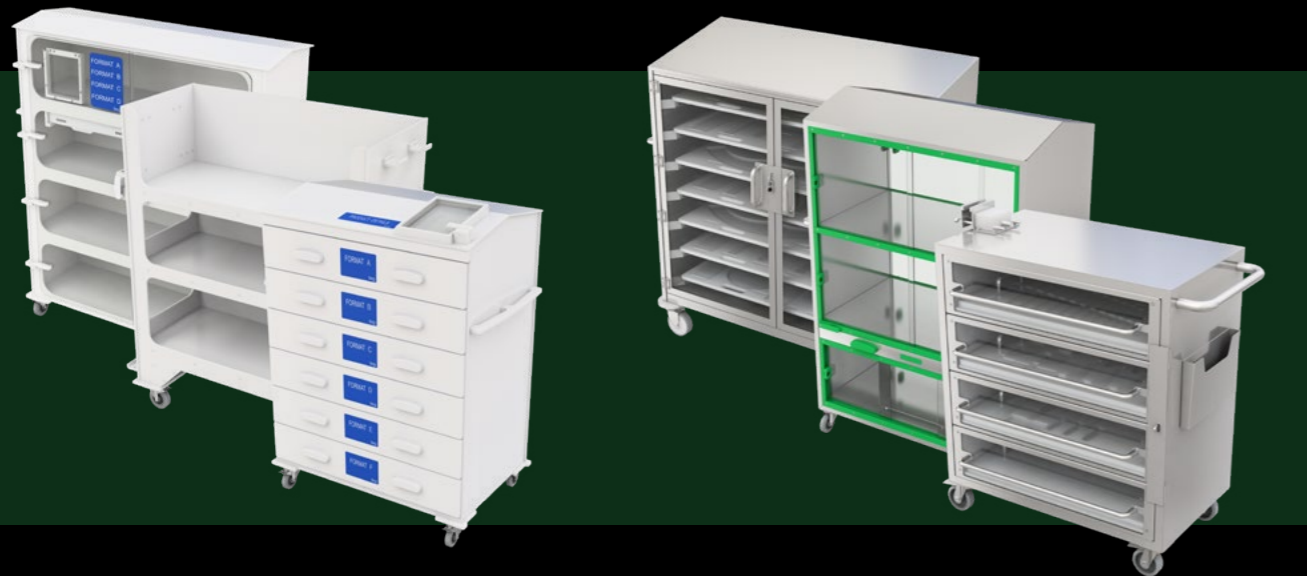


Stainless Steel or Ceramic **Bead Pots**

Cleanroom Storage

Stainless Steel Cleanroom Furniture & Equipment is customised to your needs.

All products designed to meet cGMP Guidelines and TEC are ISO Certified. We believe that all our products should work first time and take care to ensure this.



Our high-quality design and manufacturing standards ensure you receive the very best stainless steel electro-polished/passivated cleanroom products.

- Format Part Storage and Shadowboard trays,
- Gowning furniture,
- Glove and gown Dispensers,
- Maintenance Carts (5S – Lean Manufacturing),
- Extendible shelves/drawers, custom format labelling, Kanban Labels.



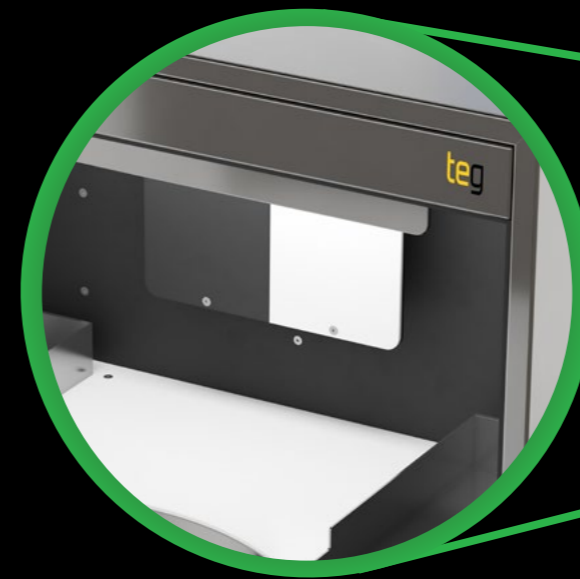
All materials 304 or 316L stainless Steel options with all FDA Approved or USP Class VI plastic materials.

Custom Designed and Manufactured Cleanroom Inspection Booth

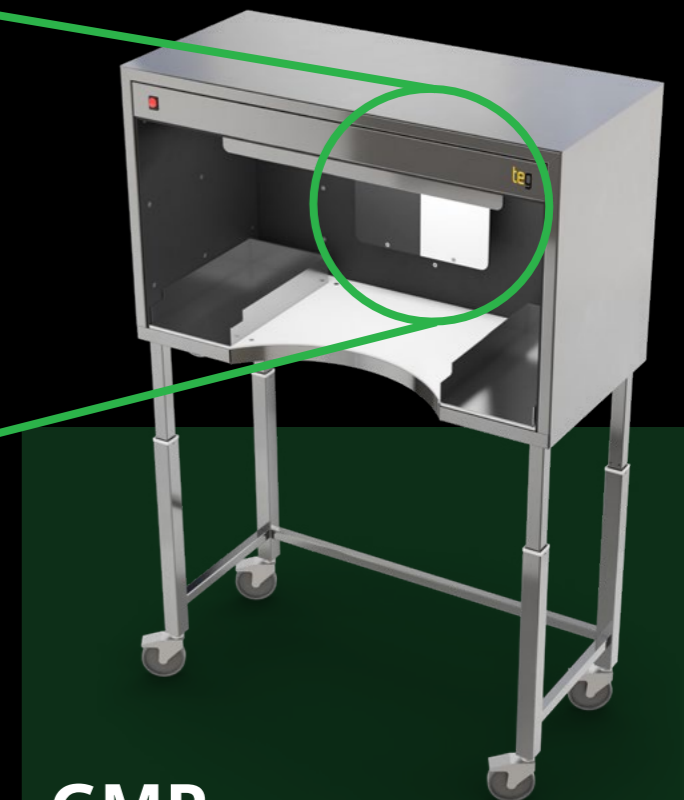
Custom Inspection booths for manual vial or syringe inspection.

TEC's booths are all Stainless Steel constructed, IPA and Detergent resistant, Electrically height adjustable, anti-static casters, as well as an ergonomic design. CE certification before completing a FAT (Factory Acceptance Test) at our manufacturing facility.

Syringe Nest holding fixtures and Syringe pick-up tools are great complimentary pieces of equipment to aid the operator in their inspection role.

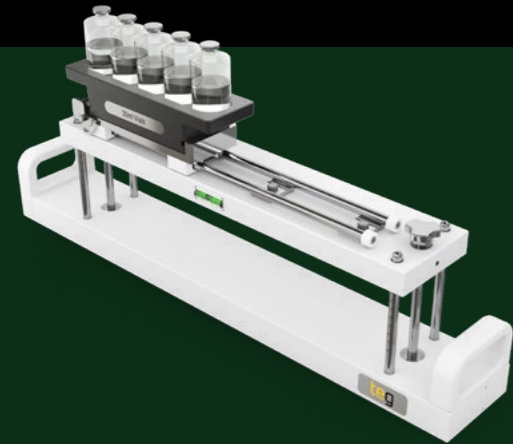


- Contrast Panels
- Adjustable Lighting Intensity
- Adjustable Height



GMP

Inspection Support Equipment



Custom Format Inspection Rail

Easily inspect multiple vials at once but sliding the format set across the contrast backboard of the inspection booth.



Custom Syringe Lifting Tool

Easily and securely pick up 10x syringes for inspection at once from a standard Tub/Nest.



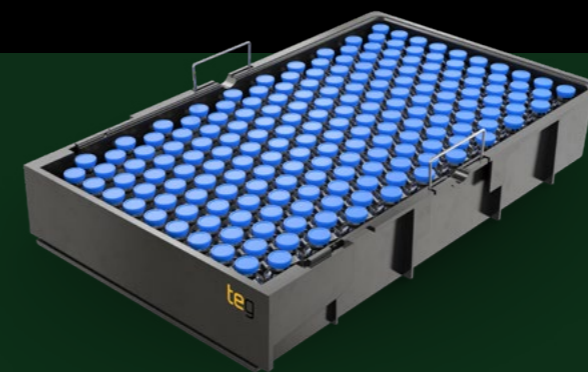
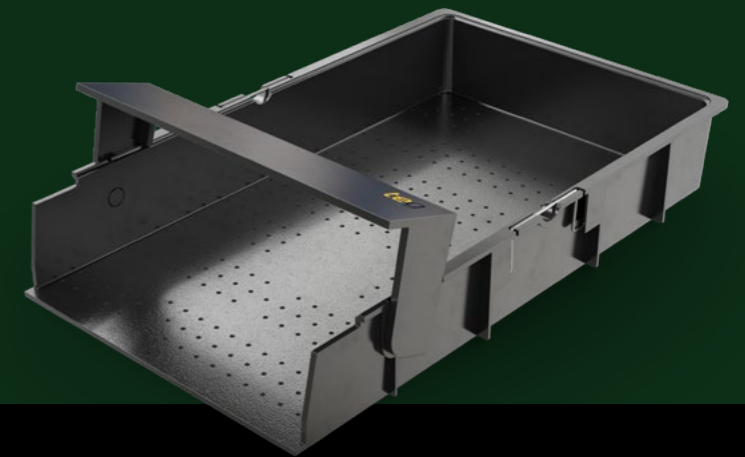
Tub Holder Device

Easily hold (in portrait and landscape) at an ergonomic angle for operations. Move the markers to locate the last vial tested when going on break.

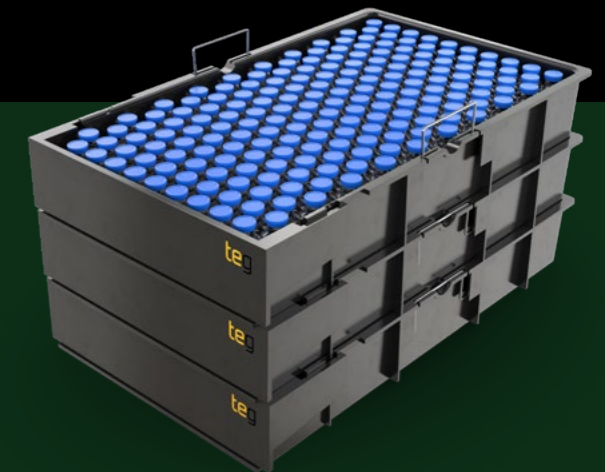
Vial Inspection/Transport Trays

Inspection Trays

TEG Can design and manufacture custom trays for your cGMP products. There are a number of features to make operations more effective:



Alternating pattern allows for the most compact storage on a tray and prevents product from moving during transit.



Trays are designed for stacking on a pallet or for transport containers

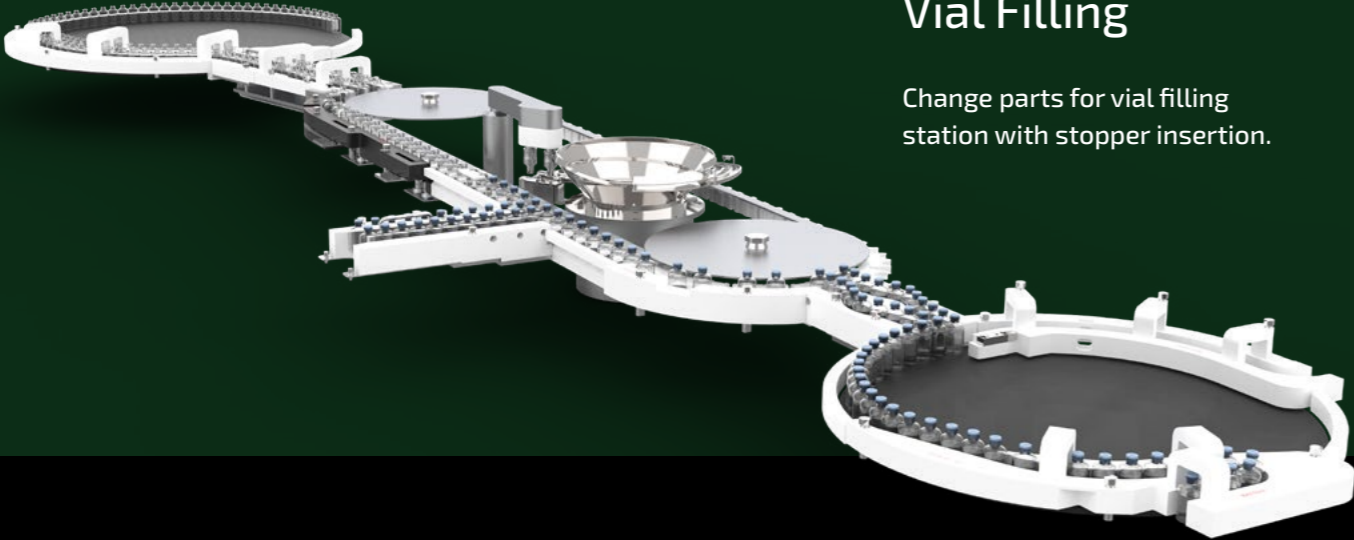
Sterile Filling Format Parts

TEG will design and manufacture Filling line format parts for your filling line.

Whether it's Syringe filling, Vial filling or Ampule, TEG can make full sets of change parts for you in a fraction of the time. Your machine will be laser scanned on your site and format parts designed in 3D and manufactured to tight tolerances so that the format set works first time.

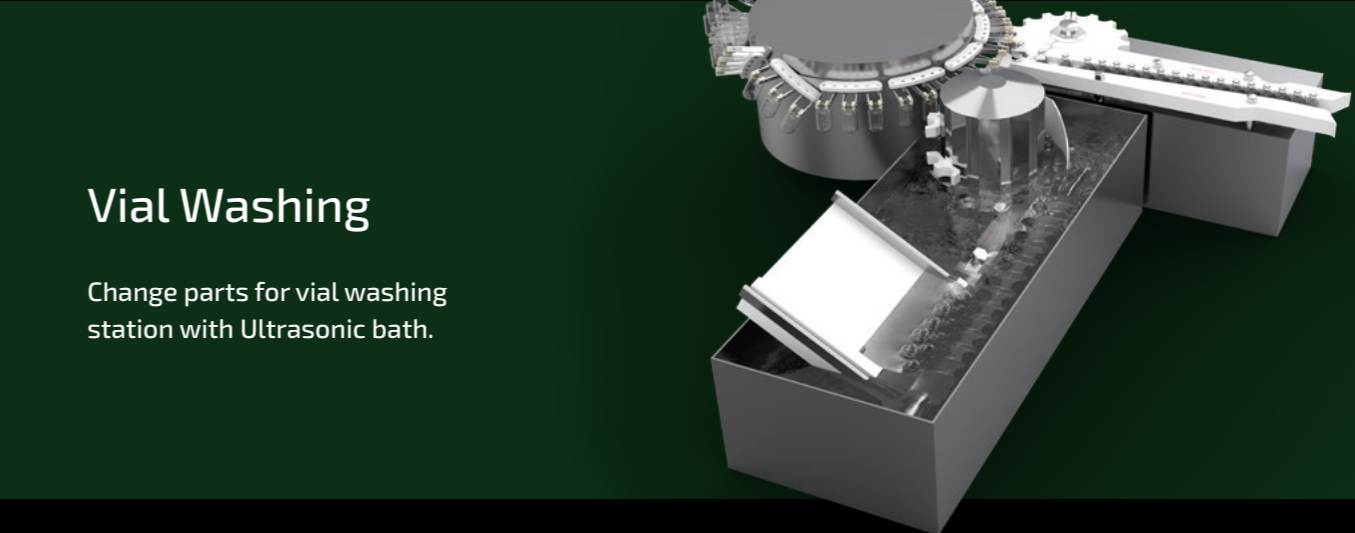
Features

- 304/316L Stainless Steel GMP Construction.
- FDA approved materials & Class VI.
- E-polished and Passivated Finishes*.
- Validation supporting documentation with every project.
- 3.1B Certification when required.
- Extremely fast lead-times.
- Onsite Laser scanning of machine and components.



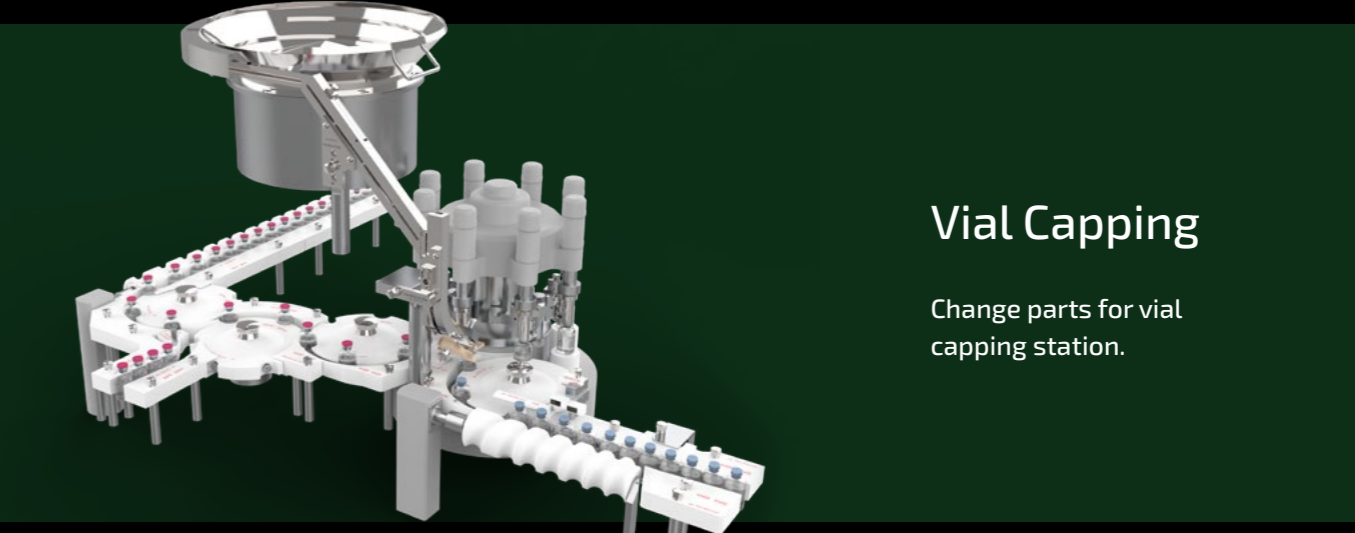
Vial Filling

Change parts for vial filling station with stopper insertion.



Vial Washing

Change parts for vial washing station with Ultrasonic bath.



Vial Capping

Change parts for vial capping station.



Vial External Washing

Change parts for vial post-op external washing.



Scan for our
**biopharmaceutical
brochure**

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