

RENI.

Your process, our systems.



Bioreactor

RENI FERM-SKID BF50

Relevant for different industries



Biotechnology

Driving breakthroughs in molecular biology and genetics.



Pharmaceutical

Crucial for producing life-saving drugs like antibiotics and vaccines.



Food & Beverage

Enhancing food safety, flavor, and shelf life.



Nutraceutical

Producing dietary supplements and food additives for global health.



Bioremediation

Combating pollution and restoring ecosystems.



Probiotics

Supporting gut health and overall well-being.



Cosmeceutical

Creating skincare formulations for radiant skin.



Chemical

Innovating sustainable chemical production.



Agriculture

Enhancing crop yields with biofertilizers and biopesticides.



Biofuels

Addressing renewable energy demands with biodiesel and bioethanol.



Animal Health & Nutrition

Producing veterinary vaccines and supplements.

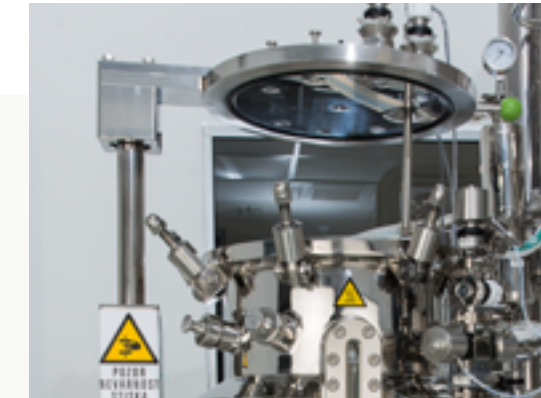


Powered by fully GMP compliant software, our FERM-SKID BF50 ensures precision with audit trails, archives, and reports.

Its Flexible Recipe Management Software makes it ideal for pilot scale productions and R&D laboratories.



Automated purified water dosing directly from the loop, coupled with an air brake valve, streamlines processes like never before.

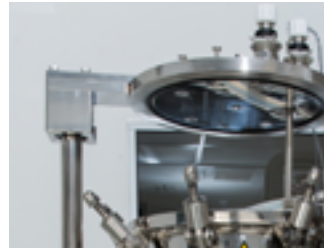


Pneumatic cover lifting mechanism Prioritizing both productivity and safety.



CLEAN ROOM DESIGN ALSO ON THE OUTSIDE

Made for a hygienic production processes in mind



PNEUMATIC COVER LIFTING MECHANISM

Prioritizing both productivity and safety



CAPACITIVE TECHNOLOGY

Digital load cells ensure precision in cleanroom environments with their hygienic design



SAMPLING

Various sensor and sampling method options



DOUBLE JACKET (SIDE/BOTTOM)

Double jacket (side/bottom)
Increased heat transfer efficiency ensuring optimal temperature control and sterilization



COUPLED AGITATOR

Bottom mounted magnetic coupled agitator



OPERATOR PANEL

Comfortable 19 inch operator panel



THE SOFTWARE

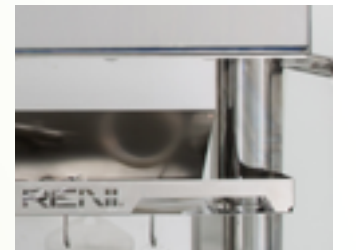
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PRACTICALITY FOR OPERATORS

Integrated holders for single use bags or bins for Liquids



MOBILITY

Fully mobile on castor wheels, enabling smooth transition between laboratory rooms or production spaces



PUMP

Integrated pump for CIP purposes



Double filter group with automatic switch over + CIP cleaning of filter housings, with special CIP cover.



Embracing a new generation of aseptic membrane valves, the Fermi-skid BF50 accelerates CIP cycles, minimizing downtime and maintenance hassles, while at the same time aiding the transition to sustainable production.



Capacitive technology digital load cells ensure precision in cleanroom environments with their hygienic design.

Double jacket (side/bottom)
Increased heat transfer efficiency
ensuring optimal temperature
control and sterilization.



Innovative zero dead leg pinch valve on top of vessel.



CLIP ON temperature sensors maintain sterilization control without compromising system hygiene.

Ready to take your bioprocessing to the next level with our advanced bioreactors?

Contact us today to learn more about how RENI can help you optimize your biomanufacturing operations.

RENI.

Your process, our systems.



GIVE US A CALL

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