

# STORAGE TANKS



Storage tanks are engineered for **the safe containment and smooth transfer of bioprocess fluids** without agitation, ensuring consistent quality and stability throughout production.

Their design, tailored to the specific needs of biomanufacturing, helps maintain the quality and stability of biological products.



## KEY BENEFITS

- **Simplified and ready-to-use design:** No instrumentation required—ideal for straightforward storage and transfer operations.
- **Flexible configuration:** Suitable for a broad range of applications.
- **Modular integration:** Easily incorporated into existing workflows and logistics processes without complex connections.
- **Single-use contact components:** Prevent cross-contamination and eliminate cleaning and validation steps.

## TECHNICAL SHEET

50L\_Storage

SPECIFICATION	DESCRIPTION
Volume	50L, 100L, 200L, 500L
Hardware material	AISI 304 stainless steel
Optional Cooling System	Jacket for temperature control from 5°C to 50°C
Optional Load Cells	For precise dosing and level control
Optional Integrated Control System	Touch panel with access control and SCADA integration; optional GMP-compliant features (GAMP5, 21 CFR Part 11, Annex 11)
Plastic material	LDPE-EVOH-ULDPE

### CELLTOKI BIOPROCESSING SL

B° Zikuñaga, 57-F, Pol. Ind. Ibarluze 20120 Hernani, (Gipuzkoa) SPAIN  
Tel.: +34 943 431 801 / info@celltoki.com / www.celltoki.com

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## APPLICATIONS IN BIOTECHNOLOGY

- Culture media storage
- Buffer storage
- Transport of prepared solutions
- Storage and transport of intermediate products

## FLEXIBLE STORAGE BAG

- Adjustable configuration:
- Silicone/TPE tubing
- Connectors: Tri-clamp, AseptiQuick®, MPC/MPX, Luer lock...
- Sampling: needle-free, sampling bag
- Sterilizing filters
- Flexible port configuration



Flexible storage bag

## STERILITY, TRACEABILITY & REGULATORY COMPLIANCE

- **Manufactured in ISO Class 7 cleanroom** under controlled conditions to minimize contamination.
- **Sterility - Gamma irradiation** (25–50 kGy) validated according to ISO 11137. Double packaging ensures sterility.
- All contact materials meet **US and EU pharmacopeia** and **ISO standards**.
- **Full traceability**, 100% integrity and leak testing, and visual inspection.
- **Flexible validation packages** tailored to regulatory and technical needs across all project phases.