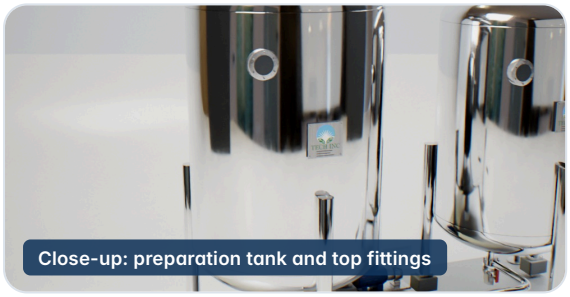
PRODUCT DATASHEET

High-Salt Buffer Preparation and Hold Tank

6Mo and Alloy 22 buffer tanks for biologics plants

Product page





Close-up: preparation tank and top fittings

OVERVIEW

The Tech Inc. High-Salt Buffer Preparation and Hold Tank prepares and holds high-salt buffers in 6Mo or Alloy 22 instead of 316L, which pits in strong chloride solutions. Electropolished surfaces, load cells, magnetic mixing and GMP documentation suit biologics and vaccine plants.

TYPICAL DESIGN DATA

Wetted material	6Mo (UNS S31254) or Alloy 22 (UNS N06022)
Surface finish	Electropolished, Ra about 0.4 µm or better
Design	Full vacuum to about 3 barg, sterilisable on request
Codes and standards	ASME VIII Div. 1 or PED; ASME BPE practice for hygienic design
Mixing	Magnetic bottom mixer
Documents	Material certificates, surface finish records, weld maps and drawings for qualification
Cleaning	Spray balls for CIP

MODELS AND CAPACITIES

- **TI-BHT-100** – about 100 L
- **TI-BHT-250** – about 250 L
- **TI-BHT-500** – about 500 L
- **TI-BHT-1000** – about 1,000 L
- **TI-BHT-2000** – about 2,000 L

Nominal working volumes per tank.

ORDERING CODE

Example **TI-BHT-500-6M-PH**: **500** working volume per tank, litres; **6M** material: 6M 6Mo, 22 Alloy 22; **PH** scope: P preparation tank, H hold tank, PH prep-and-hold skid, M mobile.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** prep-and-hold skid with transfer pump and controls; jacket for temperature control; steam sterilisation design; mobile tank; mobile CIP cart.

KEY ADVANTAGES

- **Chloride-resistant** – 6Mo or Alloy 22 where 316L pits
- **Accurate** – load cells for recipe control
- **Sanitary design** – electropolished, drainable, CIP-ready
- **Documented** – material and finish records for qualification

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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