PRODUCT DATASHEET

Bottle Sample Recovery Station

Closed emptying of sample bottles in the plant laboratory

Product page





Close-up: inverted bottle holders and recovery valves

OVERVIEW

The Tech Inc. Bottle Sample Recovery Station empties used sample bottles in the plant laboratory without exposing the analyst. The bottle is placed upside down in a closed holder, a needle pierces the septum and nitrogen pushes the remaining liquid into a recovery drum.

TYPICAL DESIGN DATA

Bottle sizes	About 50 mL to 1 L
Recovery	Drum or tank, about 20 to 200 L
Push gas	Nitrogen at low pressure
Codes and standards	Electrical bonding and earthing to IEC 60079-32-1 guidance for flammable liquids
Vapour	To activated-carbon canister or lab vent
Materials	316 stainless wetted parts; PTFE seals
Electrical	Earthing and bonding of drum and frame

MODELS AND CAPACITIES

- **TI-BSR-1** – one position, bench
- **TI-BSR-3** – three positions
- **TI-BSR-6** – six positions
- **TI-BSR-C** – cabinet with extraction

Indicative number of bottle positions.

ORDERING CODE

Example **TI-BSR-3-D**: **3** number of positions; **D** recovery: D drum, T tank, P plant drain.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: cabinet with extraction; recovery tank with level switch; flush solvent line; spare needle and seal kit.

KEY ADVANTAGES

- **Closed** – no pouring, no open drum
- **Safe** – earthed drum and vapour control
- **Clean** – bottles flushed before disposal
- **Fast** – several bottles at once

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