



# HC-DT

## Dunk Tank

**PBSC** provide installation, servicing, technical advice, product selection and demonstrations for clean controlled environments with **Innovation, Design and Quality** at the heart.

**PBSC** manufacture high quality clean room, high containment and material decontamination products. When you need areas and staff to be contamination free and protected from pathogens, you need dependable equipment which will maintain critical biosafety levels, achieve sterility and protect data reliability.

Complying with local and global regulations **PBSC's** products can be designed to meet your specific requirements. Over 30 years knowledge and competence within the specialist sectors, always going through extensive research and development and offering accurate assistance during project planning to consultants, architects and end users to deliver successful projects.



### Innovation

Incorporating your requirements to create product ranges to exceed expectations



### Design

Leading the way with pioneering design, ensuring customer requirements are achieved



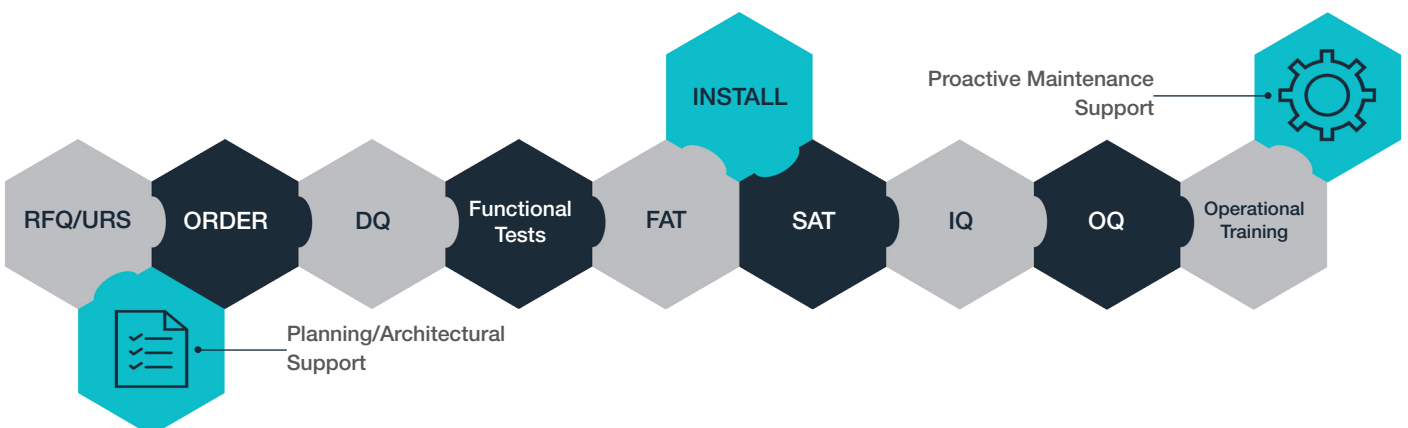
### Quality

Delivering high quality products for over 30 years, with rigorous testing and inspection

### PBSC is the accepted benchmark by which others are measured...

The search for innovative design, an eye for detail and advanced manufacturing techniques has seen **PBSC** gain a deserved reputation as the premier supplier within cleanroom environments.

Supporting the customer throughout the process continuing to meet the growing challenges and striving for continual improvement with our ISO 9001 QA processes independently audited and updated on a regular basis.



## Description



Where decontamination of small-scale items are needed **PBSC** produce a dunk tank system for installation on the containment barrier.

Based on the classic design, the **PBSC** dunk tank features stainless steel lids (mounted on cast stainless-steel hinges). Within the tank a hinge down submersion plate is provided to ensure items are held below the surface of the neutralizing chemical liquid.

The dunk tank can be manually locked during shut down with the doors providing a barrier seal without the fluid in the tank.

The chemical dunk tank can be supplied with a control panel to provide PLC controlled immersion times and interface to card swipe systems for access control.

To permit transfer of items from the hazard environment a recovery claw is provided.

Customized designs are available - please contact our technical department for more information.

## Applications



Where decontamination of small-scale items are needed the dunk tank is the reliable solution. Suitable for BSL3 and BSL4 containment.

## Leakage Rates



Typical pressure loss at SAT of 80Pa over 30 minutes, with a starting pressure of 500Pa.

## Key Features



- Suitable for BSL3 and BSL4 containment barriers
- Air tight performance from the lids without the liquid in the tank
- Mesh transfer system
- Design solutions to suit stud, block or cast concrete walls

## Options



- Internal light to aid visibility
- Liquid Level Sensor
- Pneumatic interlock with PLC controls
- Sink to side
- Vision panel above unit
- Clean side gassing ports



## PBSC Staying in Control of Controlled Environments

Established in 1987 PBSC has become one of the leading manufacturers of clean room, high containment and material decontamination products throughout the world and having the extensive product range and bespoke designs and assembly capabilities can meet customers needs.

Providing high quality products and services to the pharmaceutical, medical research, high containment and hospital sectors, offering quick and accurate assistance during project planning to consultants, architects and end users.

PBSC have agents and representatives in most countries to provide excellent local support and logistical services to make sure your products arrive on time.

Products include;

- Clean Room Doors
- Pneumatic Inflatable Seal /Air Tight Door Sets
- Mechanical Seal / Air Tight Doors
- Material Decontamination Chambers
- Transfer Hatches / Cleanroom Pass Through
- Fogging Showers / Mist Showers
- Air Showers

[www.pbsc.co.uk](http://www.pbsc.co.uk)  
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