

Stainless Steel Test Block (For Washability)

Product Description:

The **Stainless-Steel Test Block** is designed to evaluate the **washability** and effectiveness of **Liquid Penetrant Inspection (LPI)** procedures, ensuring that inspection materials can be effectively cleaned after use.

Constructed from high-quality stainless steel, this block is durable, resistant to corrosion, and maintains its surface integrity even under repeated cleaning cycles. This test block is widely used in **aerospace, automotive, and industrial sectors** for **non-destructive testing (NDT)** and ensuring compliance with rigorous cleaning standards.



Key Features:

- ✓ **High-Quality Stainless Steel Construction** – Resistant to corrosion, rust, and surface degradation.
- ✓ **Washability Testing** – Specifically designed to test the washability and reusability of magnetic particle inspection materials.
- ✓ **Durable and Long-Lasting** – Designed to withstand repeated cleaning and testing cycles without compromising performance.
- ✓ **Easy Maintenance** – Can be cleaned easily after each inspection, ensuring optimal performance for future tests.
- ✓ **Compact Design** – Available in a manageable size suitable for both **manual and automated cleaning systems**.

Technical Data Sheet:

Parameter	Specification
Material	High-Quality Stainless Steel
Finish	Smooth, Polished Surface
Dimensions	Customizable (Standard: 100mm x 100mm x 10mm)
Weight	Approx. 1 kg (Varies by size)
Cleaning Test Type	Washability of Magnetic Particles Post Inspection
Corrosion Resistance	High Resistance to Chemicals and Corrosion
Temperature Range	-20°C to 300°C
Surface Hardness	Rockwell B 80-85
Compliance	ASTM E709, ASTM E1444

Applications:

- ◆ Liquid Penetrant Inspection (LPI) Washability Evaluation
- ◆ Aerospace and Automotive NDT
- ◆ Automated Cleaning Systems Testing
- ◆ Inspection and Maintenance of Industrial Equipment