

Well-Type Test Post

A well-type test post is a critical monitoring component in buried pipeline cathodic protection systems, specifically designed for urban pipeline networks where installing surface test posts is impractical. Typically installed entirely underground within valve chambers or inspection pits, it occupies no surface space and offers effective protection against vandalism.

The device features a compact, corrosion-resistant cylindrical housing with excellent waterproof sealing performance. Inside, it neatly terminates multiple test cables connected to the protected pipeline, sacrificial anodes, and reference electrodes, providing accessible connection points via clearly marked detection terminals (nuts) at the top. Technicians can efficiently measure pipeline potential, current, and insulation performance—and accurately assess coating condition—simply by connecting instruments at the pit entrance, eliminating the need for excavation. With its concealed installation, corrosion resistance, and high safety, the well-type test post is widely used in safety monitoring projects for urban gas, petroleum, chemical, and municipal water supply and drainage pipelines.



■ KEY FEATURES

1. Concealed Installation, Space-Saving
2. Theft-Proof & Vandal-Resistant, High Security
3. Centralized Wiring, Easy Measurement
4. Sealed & Corrosion-Resistant, Long Service Life
5. Urban-Friendly, Regulatory Compliance

■ PRODUCT SPECIFICATIONS

Housing Material: Carbon steel, SS304/316, fiberglass reinforced plastic

Dimensions: Cylindrical $\Phi 300 \times H500\text{mm}$, customizable

Protection Rating: IP68

Terminal Channels: 4–8 channels with copper terminals

Operating Temperature: -30°C to $+70^{\circ}\text{C}$

■ APPLICATIONS

1. Urban Gas Pipeline Networks
2. External Pipelines of Urban Utility Tunnels
3. Municipal Water Supply, Drainage & Heating Networks
4. Petrochemical Plant Buried Pipelines
5. Road/Railway/River Crossings of Long-Distance Pipelines
6. High-Security or Landscape-Sensitive Areas