L SHAPE BOX APPARATUS AZA1112

The AZA1112 L Shape Box Apparatus is a precision testing instrument designed to evaluate the passing ability and flow performance of Self-Compacting Concrete (SCC) under simulated congested reinforcement conditions. It replicates real-world structural scenarios such as densely reinforced beams, columns, tunnels, and bridge components, where concrete must flow freely without blocking or segregation.

Manufactured from high-quality, corrosion-resistant steel, the AZA1112 ensures durability, repeatability, and long service life.

It complies with EN 12350-10 and EFNARC guidelines, ensuring internationally accepted testing procedures.

Key Features

- Realistic Simulation – Mimics flow through congested reinforcement zones
- Quantitative Evaluation – Provides H_2/H_1 ratio for performance analysis
- Standards-Compliant – Meets EN 12350-10 & EFNARC guidelines
- Controlled Flow Mechanism – Manual sliding gate for consistent testing
- Robust Construction – Corrosion-resistant steel body
- High Repeatability – Ensures reliable and consistent results
- Field & Lab Use – Suitable for both environments

TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1112
Product Type	L Shape Box Apparatus
Material	Corrosion-resistant steel
Vertical Section	200 × 100 mm
Horizontal Section	700 × 100 mm
Reinforcement Bars	3 bars, Ø12 mm, 40 mm spacing
Gate Mechanism	Manual sliding gate
Measurement System	Graduated scale (H_1 & H_2 readings)
Standards	EN 12350-10, EFNARC Guidelines
Application	SCC passing ability testing
Accessories	Apparatus, scale, instruction manual