

HST-KCJ1200 Plastic inspection well drop hammer impact testing machine



Application:

This machine is used to test the impact resistance of plastic manhole bases and shaft walls.

Features:

Widely applicable to manholes ranging from 350mm to 1200mm;

Vacuum suction lifting system ensures rapid drop hammer lifting, preventing secondary impacts and achieving a 100% secondary impact capture rate;

Capable of testing the impact resistance of manhole bases and shaft walls;

Comprehensive safety features: The hammer releases only when both hands are pressed simultaneously;

High test efficiency, with a hammer lifting speed of up to 2m/s;

Laser indication of the impact zone facilitates specimen positioning;

PLC control ensures high system reliability;

Safety self-locking: Once the hammer is attached, there's no need to worry about the hammer slipping in the event of an unexpected power outage; the hammer automatically locks in place.

Dual vertical pipe supports provide greater stability at the drop pipe section, resulting in a rigid and robust frame.

Standards:

CJ/T326-2010 Plastic Manholes for Municipal Drainage

CJ/T233-2016 Plastic Manholes for Residential Drainage

Technical Parameters:

Drain base diameter, flume impact: $\Phi 315\text{mm}$ to $\Phi 1200\text{mm}$;

Drain base diameter, sidewall impact: $\Phi 315\text{mm}$ to $\Phi 1200\text{mm}$;

Impact height: 2.5m;

Impact drop pipe lift stroke: 1200mm;

Hammer lift method: Vacuum suction;

Hammer: D90 1.0kg;

Hammer head curvature radius: Rs50;

Air source: 0.5MPa to 0.8MPa compressed air;

Power supply: 220VAC 50Hz, single-phase, three-wire;

Base dimensions: 2000mm (L) $\times$ 1400mm (W) $\times$ 4700mm (H).