dimensional motion with low center of gravity ensures the motion speed of 70mm/s while maintaining the stability of motion acceleration and deceleration.

Industry leading 3 times imaging technology

Built-in SEMISHARE patent more than three zoom microscope view three times with JiaoGuang road system, 120 x 2000 x variable times optical amplifier, size view shows at the same time, more can make the point needle and convenient operation, double Basler 2 million pixels high speed CCD 23 "display and Mituyoyo high precision high resolution camera, precision positioning of high stability high definition, image output and high precision measurement and dynamic monitoring.

Auxiliary CHUCK module silicon wafer safe upper and lower

The unique Chuck XY axis design in the industry has changed the common phenomenon that the probe system of other brands in the market is affected by the resistance of laminated plates in different directions and sizes, leading to the decline of motion stability.This ensures that the XY axis is not affected by the laminate when moving, making the motion precision and stability higher. Compared with other brands in the industry, the probe table cavity of SEMISHARE can be opened once and pulled out the entire Chuck mechanism to load and load silicon wafers at a speed of 370mm with a long stroke. The manual feeding of the Wafer is more convenient and faster.Meanwhile, the Chuck's rotation Angle range is larger, which requires lower demand for manual laying wafer, and the operation is more flexible and convenient.

Design of O-type needle seat platform

The probe testing system adopts the O-type needle seat platform design, which makes the most efficient use of the space of the needle seat, up to 12 needle seats can be placed at the same time. Compared with other probe brands in the market, the number of the needle seat is increased by 50%, effectively realizing more efficient and rapid testing.

Air film shock absorption system

The industry's unique internal integration of high-performance air film shock absorption system and the dual design of the external isolation barrier, effectively avoid the vibration caused by the operator's touch;In addition, a long-aging casting is used as the substrate to suppress the vibration in the process of motion at the fastest speed of 1S in the industry to ensure the stable operation of the equipment, and to ensure that the screen does not shake when the image is enlarged at 2000X;At the same time, the high-precision control valve ensures that the height error of the moving part of the platform is 0.1mm, effectively realizing the test ability of fast DIE to die, ensuring that the whole system can still maintain a stable running state when moving at a high speed, and greatly improving the test efficiency.