

Chip Positioning Fixture Model 321

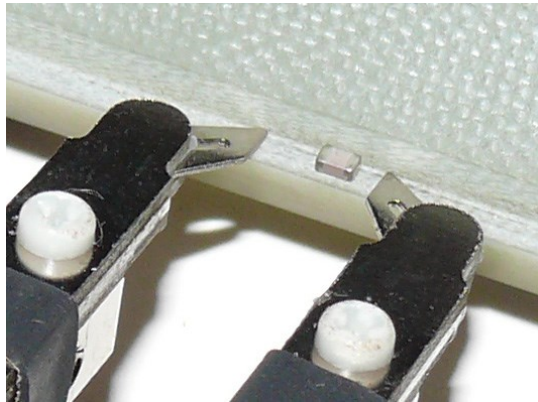
SKG Model 321 chip positioning fixture is a simple device that offers remarkable performance. The fixture provides a simple, inexpensive way to consistently position both the tweezers and the DUT, resulting in improved productivity and more precise test results.



Using the M321 is very intuitive: place a few DUT's in the top surface and gently push them over one edge of the fixture. One edge is for micro chips and the other is for larger chips. The DUTs will slide down to the bottom of the angled groove—if the DUT lands on an end, simply push it over so it is laying on a side and the ends are presented for testing as shown in the photo below.



Hold the tweezers like a pencil as shown in the photo below then place the tweezers tips on either side of the DUT. Both electrodes should lay flat on the surface of the fixture. This insures a consistent and repeatable grip angle between the tweezers electrodes and the DUT, which is very important for precise testing of low value DUT's.



Close the tweezers so they grip the DUT, making sure to use the fixture surface to guide the tweezers electrodes so the grip angle is maintained. Pick up the chip and record the test results.



Use the smaller groove for micro chips, for example 01005 (metric 0402) and 0201 (metric 0603). Use the large groove for larger chips.

The SKG M321 chip positioning fixture combined with SKG tweezers yields an integrated solution that makes the process of testing chips easy, simple and productive. The result is less operator fatigue and more precise test results for all DUT's, but especially for low value, tight tolerance chips, micro chips and any chip that must be tested using SKG Kelvin tweezers.