



◆ Test Status Definitions

| Status | Meaning | Detailed Description |
|--------|------------------------------|---|
| IDLE | Ready / Standby | The system is in standby mode. Fixture is empty, no DUT inside, and ready for the next test cycle. |
| OPEN | Fixture Open | The fixture has been opened to allow the robot to load or unload the DUT. No active testing is happening. |
| CLOSE | Fixture Closed | The fixture has been closed after loading the DUT, but the test sequence hasn't started yet. Waiting for the TE to trigger testing. |
| TEST | Testing in Progress | The TE is running the test procedure on the DUT (via Kazam or other test framework). |
| DONE | Calibration / Test Completed | The test or calibration process has finished successfully, but final result reporting or teardown may still be ongoing. Often used when IsneedCal = true or as an intermediate "complete" status before returning to IDLE. |
| PASS | Test Passed | The DUT has successfully passed all test steps and met the required specifications. |
| FAIL | Test Failed | The DUT has failed at least one test step, or a validation mismatch occurred during the test sequence. |
| ERRO | Error | An unexpected condition or communication failure occurred (e.g., no response from fixture, timeout, or socket error). Manual check or reset is required before proceeding. |