

Power Assemblies Test Equipment



Power Assemblies



Our experts can design tests which assure that components and systems will fully comply with specifications

- We can design and manufacture test equipment to allow us to test the Electronic Assemblies as well as subcomponents
- Specialising in High Power Reliability Test Equipment for IGBTs and Thyristors
- Our team can provide Turnkey Tests Systems to test High Power Semiconductor devices and Power Assemblies for functional verification and reliability testing
- Specific waveforms can be measured to help recreate the operational conditions, ensuring performance in the application
- High Voltage and High Pulsed Current Systems already designed

Dynex have designed Test Systems for:

- Thyristor Parametric Testing
- IGBT and Diode Module and Substrate Static Tests
- IGBT Module Dynamic Testing
- Hot DC Voltage Blocking Equipment for IGBT and Thyristor/Diodes
- IGBT Gate Blocking
- Isolation
- Breakdown
- Thermal Cycling
- Functional Tests such as Switching Tests
- IGBT Dynamic Power Cycling
- Fuse/Breaker Testers
- High Voltage Impulse (to 100kv)
- Long Duration Pulsed Power Testing
- Burn in for High Power Semiconductors
- Long Duration Reliability Systems

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