



Chameleon 257

High-End Audio & Display Testing

Audio and display performance contribute heavily to the overall user experience of electronic devices. Achieving high-quality performance requires comprehensive measuring and analysis during testing.



What is it

Chameleon 257 is a shielded test system for comprehensive testing of electronic devices up to 15" size. Test coverage includes e.g. display, camera, audio, RF and sensors.

Modular construction enables selecting appropriate test instruments case by case ensuring flexibility and easy customization. All test instruments are integrated within the platform.

The customized product specific module is the interface between device under test (DUT) and Chameleon 257.

Where's the Benefit

Comprehensive RF and audio shielding ensures a reliable test environment with minimal disturbances. Combined testing guarantees very efficient unit testing time.

Spacious test system enables accurate testing of e.g. larger tablets. Easy customization with unique look & feel provides an inspiring user experience. Possibility for fully automated DUT handling.

Chameleon 257 guarantees top-class testing and analysis features. It is ideal for final product testing of mobile phones, tablets and vehicle infotainment devices.

More information:

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Technical Data

Technical Details

- Platform dimensions (l x d x h)
558x753x1065mm
(21.96x29.64x41.93in)
- Weight 140kg (308.65lb)
- Operating temperature
15-40°C (59-104°F)
- Operating humidity 0-90%RH
- RF shielding up to 50d (<6GHz)
- Audio attenuation up to 50dB
- Input voltage 110-230V 50/60Hz
- Compressed air 6-10bar
- Controlling via LAN / USB
- Max. DUT size 470x370mm
(18.5x14.57in)
- CE safety compliant

Platform Features

- Compatible with various types of electronic devices
- Automated or semi-automated test environment
- Integrated test instruments

Optional Test Instruments & SW

- Embedded audio analyzer
- Power supplies
- Interface touch panel controllers
- Display inspection tool
- Test application software
- Product specific test sequence

Test Coverage

- Display
- Advanced audio measurements
- RF
- Sensors
- Camera & Flash
- Physical buttons & side keys

Product Specific Module

- Interface between DUT and the platform
- Easy product changeover
- User-friendly operating mechanism

Chameleon Products for Automated Testing



Chameleon 64

Agile testing



Chameleon 111

RF Shielded testing



Chameleon 157

High-End Audio & Ddisplay Testing



Chameleon 257

Complete QA & Testing for up to 15" devices

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