

 **Chameleon 157****High-End Audio &**

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 157 is a high-end test system for extremely accurate audio and display testing of electronic devices. It is equipped with extensive acoustic absorption, an integrated audio analyzer and a highly accurate camera system.

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 157.

**Where's the Benefit**

Comprehensive audio absorption ensures a reliable test environment with minimal disturbances. Integrated audio analyzer with builtin analysis functions reduces the computer system load and overall testing time.

Spacious test platform enables accurate testing of larger displays also. Easy customization with unique look&feel provides an inspiring user experience.

Chameleon 157 guarantees topclass testing and analysis features for audio and display performance. It is ideal for devices such as mobile phones and tablet computers.

**More information:**

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## Technical Data

### Technical Details

- Platform dimensions (l x d x h)  
410x590x805mm  
(16.14x23.23x31.69in)
- Weight 60kg (132.28lb)
- Operating temperature  
15-40°C (59-104°F)
- Operating humidity 0-90%RH
- RF shielding up to 40dB
- Acoustic absorption
- Input voltage 100-240V  
50/60Hz
- Compressed air 6bar
- Controlling via LAN / USB
- Max. DUT size 280x420mm  
(11.02x16.54in)
- CE safety compliant

### Platform Features

- Suitable for testing various types of electronic devices
- Camera system with analysis tools 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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