



## RF Shielded Testing for Electronics Devices

Think of the challenges of testing electronic devices - it is often performed in several testing phases requiring extensive amount of test equipment and instruments. Test process is time-consuming, and product changeover in



### What is it

Chameleon 111™ is an RF shielded test system for advanced testing of electronic devices. It is equipped with acoustic absorption, programmable robot or pneumatic upper adapter, 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 111™.

### Where's the Benefit

Exceptionally flexible construction makes Chameleon 111™ ideal for covering multiple test phases and products with the same test platform just by changing the product specific module.

Easy customization with unique look & feel provides an inspiring user experience. Compact design and space-saving lid opening mechanism minimizes the needed factory floor space.

Choose Chameleon 111™ for extensive testing possibilities in one package.

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#### More information:

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## Technical Data

### Technical Details

- Platform dimensions (l x d x h)  
410x490x705mm  
(16.14x19.29x27.76in)
- Weight 57kg (125.66lb)
- RF shielding up to 40dB
- Acoustic absorption
- Operating temperature  
15-40°C (59-104°F)
- Operating humidity 0-90%RH
- Input voltage 100-240V 50/60Hz
- Compressed air 6bar
- Controlling via LAN / USB
- Max. DUT size 300x350mm  
(11.81x13.78in)
- Max. Robot area 250x250mm  
(9.84x9.84in)
- 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

- RF
- Advanced audio measurements
- Display & touch screen
- Vibration
- 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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