

G5 Final Tester

Modular. Scalable. Flexible.

Introducing the JOT G5 Final Tester, the all-in-one product-level testing platform built for your specific testing needs. And that doesn't mean the G5 has so many features that you're sure to find the ones you need. It means the G5 can literally be produced per your specific testing requirements. JOT's proven modular design thinking can always be traced back to our customers' wishes. It's all about making testing as reliable, efficient, and cost-effective as possible. And

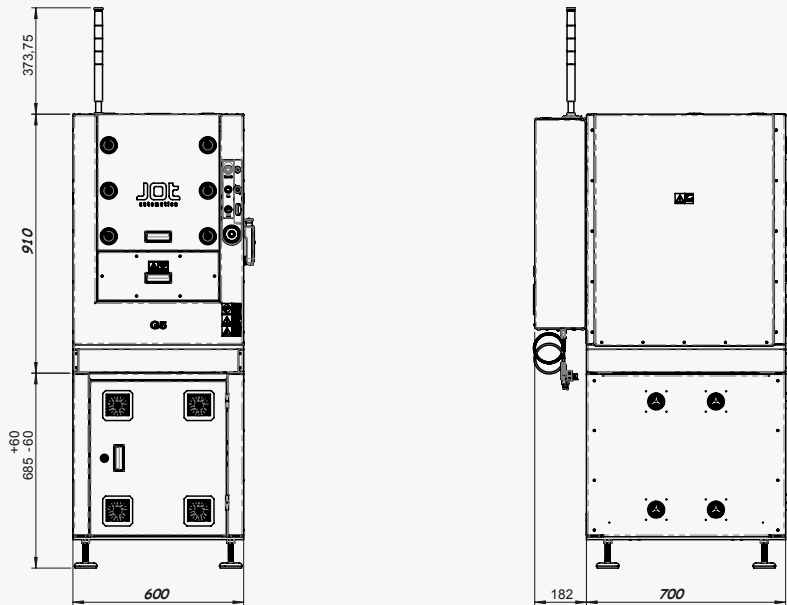
making sure you don't pay for features you don't need is always easier on the budget.

The fully customizable G5 Final Tester can be produced for RF, Audio & RF, and Vision test environments. Plus, there are two tester versions available: a test chamber with a hatch that's helpful for manual test operation, and a test chamber with a slide that's easier for automated testing.

The G5 is an excellent solution for:

- RF testing
- Audio testing
- Camera testing with lights and targets
- Display & touch testing by vision camera and test fingers
- Buttons testing
- Energy management testing
- Data and communication interfaces testing
- Multimedia interfaces testing
- Inspections (e.g. keypad lights & symbols)
- Sensors testing

G5 Final Tester, G50-1536



STANDARD FEATURES

- Ethernet for the tester control
- RF -shielded chamber
- Sliding door for product handling
 - » Possibility for robot feeding
- Integrated ADC/DAC for analog signal analyzing, signal generation and DC-measurements
- Easy software integration with RESTful API and open source client implementations with .NET/C#, python and LabVIEW
- Performance statics and service counter for machine maintenance
- Platform independent Test Sequencer integration
- CE-safety compliant

TECHNICAL CHARACTERISTICS

- Machine dimension (L x D X H mm)
600 x 718 x 595
- Weight 160 kg (without rack)
- Audio Isolation
 - » 30dB 200Hz - 2kHz
 - » 40db above 2kHz
- RF chamber attenuation >45 dB up to 6 GHz
- Robot work area 300 x 330 x 100 mm (xyz)
- Product Specific Part (PSP)
 - » Replaceable fixture
 - » Handled product size: 250 x 300 x 100 mm (xyz)
 - » Capable to handle 3 DUT (Device Under Testing)
 - » General IO lines
 - » IO controllable pneumatics
 - » I2C and USB 3.0 bus

OPTIONS

- Audio isolation
- Vision test enviroment
- Configurable PSP interface
- Cartesian Robot with x-, y-, and z-axels
 - » Support interpolation
 - » Support tool changer functionality
 - » Active and passive tools
 - » Active and passive tool magazine
 - » Different tools according customer needs
- Possibility to add camera for Vision inspection
- General interface for External Data Acquisition (DAQ) Card for signal generation and analyzing
- DUT Interfaces:
 - » RF lines
 - » GigE Ethernet
 - » USB 3.0 with USB Type-C functionality
 - » HDMI
 - » Expanded according customer requirements
- Integrated Power supply:
 - » Up to four isolated high current output voltages with sense inputs
 - » Precision current measurement, source and sink
- Instrument Rack
 - » 11 U space for 19" instrument

INSTALLATION REQUIREMENTS

Power supply:

- 220-240 VAC / 50 Hz / 3 A
- 100-120 VAC / 60 Hz / 5 A

Compressed air connection:
0.6 MPa (87 psi)