

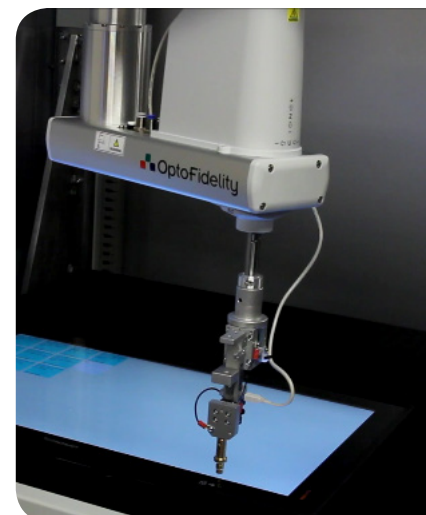
OptoFidelity Automated Test System for Microsoft Touch HCK

Speed up the self-test process phase and optimize the end-user's touch interaction experience

Streamline the self-test submission model for the Windows 8.1 touch device and precision touchpad (PTP) certification program with the Automated Windows HCK Test System.

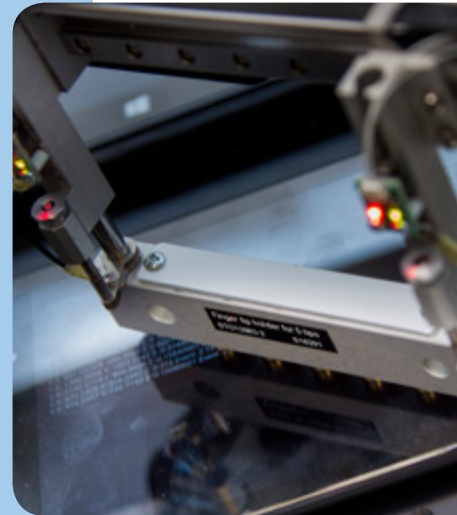
As Windows 8 is optimized for touch devices, the performance of the touch sensor is an integral part of the certification. Devices that pass the Windows HCK tests will provide optimal touch interaction experience for the customer. For the device manufacturer automated HCK testing provides faster and automatic testing phase as well as more consistent results.

The core element of The Automated System for Microsoft Touch HCK is the OptoFidelity Touch&Test platform. This platform enables the use of robot automation system for Windows HCK and touch panel testing.



OptoFidelity Automated Microsoft Touch HCK System Benefits

- *You can automate and speed up in-house testing and product launch*
- *Robotic automation provides repeatable, high quality, consistent test results and eliminates operator error*
- *The system enables convenient and quick optical product alignment*
- *The system integrates seamlessly with Microsoft HCK self-test model*
- *Robotic testing eliminates physical strain to the operator due to repeated range of motion*
- *Testing is done unattended, so one operator can handle testing of multiple devices simultaneously*
- *Easy to learn and use the system, low training effort for the operators*
- *Global maintenance, support and training program*
- *Regular system updates to keep up with the Microsoft HCK requirements changes*
- *Since OptoFidelity Touch panel performance test system is based on the same Microsoft hardware performance specification, you can use the system for several purposes from sensor to touch panel testing from the beginning of R&D phase.*
- *When you start testing at the early state of the R&D phase, you can detect failures well before final certification testing. Testing during the whole R&D period helps you also to confirm the performance of the product before finalization.*



Special features

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Standard Package includes

- Industrial robot setup with safety screening
- Integrated high-resolution camera for alignment
- One-finger actuator
- Multi-finger actuators
- Device-under-test mounting hardware
- Control computer



E-mail: sales@optofidelity.com

OptoFidelity is a Finnish technology company specializing in test automation. Our automated test systems are designed to non-intrusive touch panel device testing. Our test selection is versatile from turn-key test systems to custom-designed solutions. We offer also several test instruments which can be used separately or for building a complete, fully automated tailor made test system. Most of our products are scalable and can also be integrated to customers own test automation system or our partners software testing tools.

Our way of work is customer centric, devoted, honest and based on a strong know-how. Our business relies on respect towards our customers.

On the Windows HCK pilot customer case (a global chipset manufacturer), the customer estimated that the test they were performing took about 4-6 hours with manual test.

With OptoFidelity robotic solution they reduced the test execution time to 45 minutes.


OptoFidelity

OptoFidelity Oy
Visiokatu 1
FI-33720 Tampere
FINLAND
Tel: +358 44 4300 100
Contact: sales@optofidelity.com
www.optofidelity.com