

# OptoFidelity

## Windows HCK Test Automation

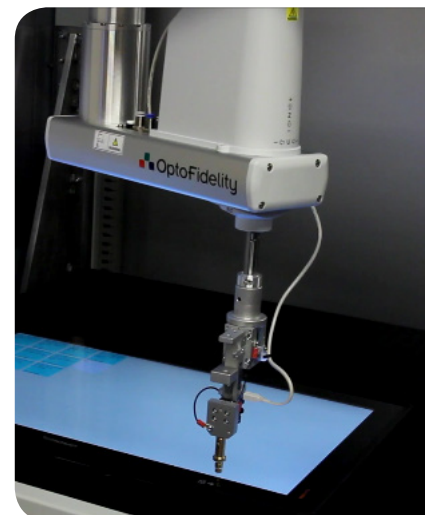
*- Helping you to build certified products that meet the customer expectations*

*If you have new or updated devices, systems, or peripheral hardware that you want available for Windows, then you must certify them. When you certify your products for Windows, you help create high-quality, end-to-end hardware experiences.*

*As Windows 8 is optimized for touch devices, the performance of the touch sensor is an integral part of the certification. The expected turnaround time to certify one device for touch at the Windows Touch Test Lab is about 10 business days.*

*Automated in-house testing minimizes the risk of a failed certification, which would have severe effects on product launch schedule and certification costs.*

***OptoFidelity has developed an automated solution for pre-certifying the touch sensor in new devices before submitting them to Microsoft certification lab for certification testing.***



## OptoFidelity WHCK Benefits

- *Robotic automation provides repeatable, consistent test results and eliminates operator error*
- *Robotic automation speeds up the testing process*
- *Convenient and quick optical product alignment*
- *Integrates seamlessly with Microsoft HCK certification program*
- *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*

## Special features

- Fast and reliable industrial robotic solution
- Very easy, camera-assisted product setup procedure
- Supports testing of multiple devices in a sequence with a single setup
- Standard solution supports multi-touch devices up to 30 inches
- Custom solutions also available for larger devices
- Multiple finger options up to five fingers
- Platform can be upgraded to also support Touch Sensor Performance testing (OptoFidelity TPPT) and Device User Interface Performance (OptoFidelity HSUP) testing

## Standard Package includes

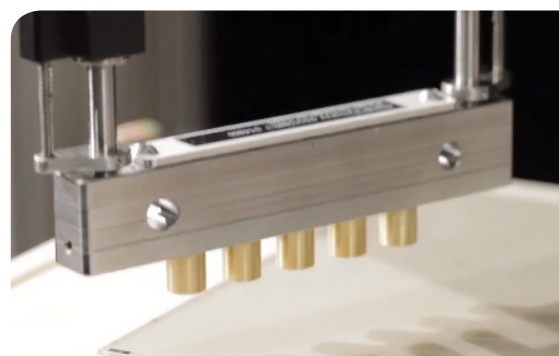
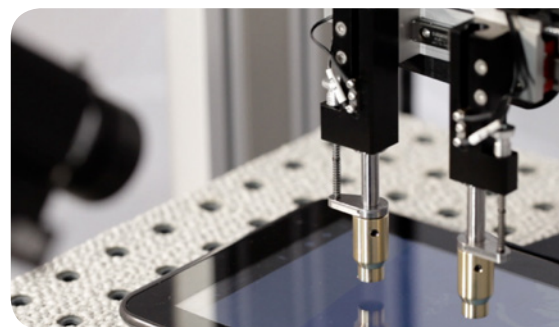
- Industrial robot setup with safety screening
- Integrated high-resolution camera for alignment
- One-finger actuator
- Two-finger actuator (converge/semantic zoom tests)
- Multi-finger actuator tools (3 pcs)
- Device-under-test mounting hardware
- Control computer



E-mail: [sales@optofidelity.com](mailto:sales@optofidelity.com)

*OptoFidelity is specialized 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.*



*OptoFidelity WHCK is built on OptoFidelity Human Simulator platform which allows extending the same system to support also touch sensor performance testing, as well as User Interface performance testing.*

*Please see OptoFidelity TPPT and HSUP product information for more details.*



OptoFidelity Oy  
Visiokatu 1  
FI-33720 Tampere  
FINLAND  
Tel: +358 44 4300 100  
Contact: [sales@optofidelity.com](mailto:sales@optofidelity.com)  
[www.optofidelity.com](http://www.optofidelity.com)