



OptoFidelity™ TOUCH



For touch display functional and performance testing

OptoFidelity™ TOUCH

Precise measurement combined with precise automation

OptoFidelity TOUCH is an automated test system for testing chipsets, touch panels, touch-enabled user interfaces, final products and systems.

OptoFidelity TOUCH comes with a purpose-built GUI, test sequencer and test reporting. In addition, a scripting API is available for custom tests. The camera-based positioning feature provides a convenient and accurate way to define the location of the Device Under Test (DUT). The smart DUT detection enables test scripting by using DUT screen coordinates and the testing of multiple DUTs in the robot work area, as well as volume testing in less time and with better accuracy. The motion control supports synchronized motions enabling all types of touch gestures.

The default TOUCH test system is delivered with factory calibration for the camera system and for the motion control accuracy. The motion control accuracy of the delivered TOUCH test system is verified with an external measurement system supporting 0.2 mm accuracy.

The system delivery includes on-site system setup and training which enable users to start testing right away. Support services are available to provide any needed guidance and help for further usage of the system.



The motion control supports synchronized motions enabling all types of touch gestures.

OptoFidelity™ TOUCH Test Features

OptoFidelity TOUCH is used for measuring the performance of the following human-like gestures on any touch device:

- One-finger gestures: Tap, press, swipe, drag, double tap, multi tap, circle and path
- Two-finger gestures: Tap, swipe, pinch (zoom in/zoom out) and rotate
- Multi-finger gestures: Tap and swipe
- Accuracy
- Jitter
- Linearity
- Reporting rate
- Repeatability
- Latency
- Sensitivity





The default TOUCH test system is delivered with factory calibration for the camera system and for the motion control accuracy.

About OptoFidelity

We develop the best performing automation products and measurement technologies for our customers, enabling their innovations for a smarter future.

OptoFidelity works with the world's largest device manufacturers and innovators. It is a globally recognized pioneer in test automation and metrology solutions. Our customers use our human-like robot-assisted metrology platforms for product development, production, and quality assurance. Our products come with easy-to-use software tools for test configuration, analyses and reporting.



LOCATIONS

FINLAND: Tampere (Global HQ), Oulu and Espoo
USA: Cupertino (CA) and Redmond (WA)
GREATER CHINA: Zhuhai, Suzhou, Shenzhen, Hong Kong and Taipei

HEADQUARTER

OptoFidelity Oy
Visiokatu 3
FI-33720
Tampere
Finland

SALES

sales@optofidelity.com
+358 44 430 0100

WWW

optofidelity.com

SOCIAL MEDIA

[linkedin.com/company/optofidelity](https://www.linkedin.com/company/optofidelity)
[facebook.com/OptoFidelity](https://www.facebook.com/OptoFidelity)
twitter.com/OptoFidelity
[instagram.com/optofidelity](https://www.instagram.com/optofidelity)
[youtube.com/user/OptoFidelity](https://www.youtube.com/user/OptoFidelity)