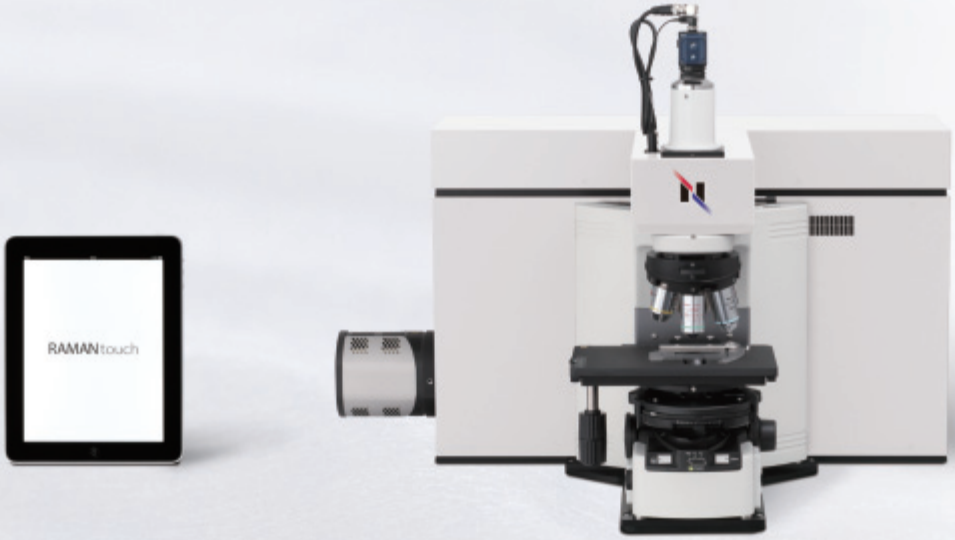
Raman at the touch of a finger



A Whole New Way to Operate

RAMANtouch

nano photon

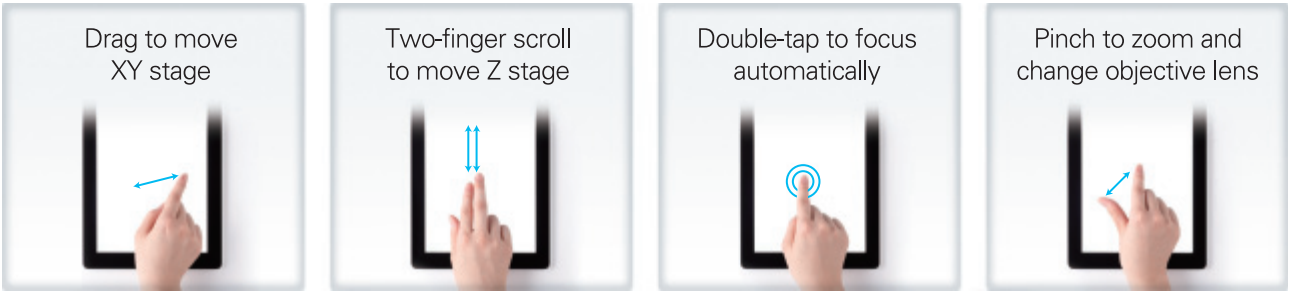
www.nanophoton.jp

Speed and precision at your fingertips.

We have redesigned Raman measurement from first principles by developing a whole new concept of the microanalytical process.
From initial measurement through data acquisition, RAMANtouch makes the process of Raman microscopy and spectral analysis quick and easy.
With the introduction of an iPad user interface RAMANtouch delivers ultimate ease of use with innovative technology.

Stage control patent pending

Multi-Touch iPad control redefines stage scanning. You now have finger tip control of all microscope stage functions. RAMANtouch accelerates stage movements with unmatched operator control using Nanophoton's unique stage design. Samples as small as 100nm, or as large as 1mm are easily imaged with simple, intuitive finger-tip control.

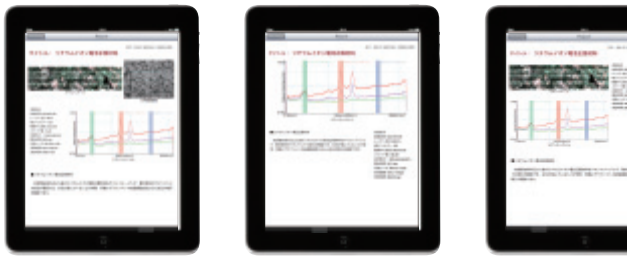


Ultrafast speed data preview

Simply touching *Data File* will instantly show you "Raman image", "Raman spectrum", and "measuring conditions". With RAMANtouch you can browse data quickly and find files easily. RAMANtouch eliminates all old-fashioned PC double click access and wait times.

Report generator

A perfect report format differs according to the operator's requirements. RAMANtouch offers a wide variety of format templates for your convenience. One touch generates your optimal report, a report that can be made immediately accessible to colleagues via iPads email app.



■ RAMANtouch functions

- Finger-tip XYZ stage control
- Automatic focus
- Auto-control of reflection/transmission light
- Auto-change of objective lens
- Various measurement modes (multi-point/line/cross-section image/ XY image)
- Notification of the end of a measurement
- Auto-control of contrast
- Ultrafast data preview mode
- Report generation

Everything is wireless

■ Standard specifications of RAMANtouch

Laser	532nm / 785nm / others
Imaging method	Line illumination & Beam scanning etc.
Spectrograph	Focal length: 500mm, 3-gratings turret
Detector	Electrically cooled CCD, 1340×400 pixel
Spatial resolution (x/y/z)	350nm/500nm/1000nm (@532nm, 0.90NA)
Spectral resolution (FWHM)	1.6cm^{-1} (Peak position accuracy: 0.1cm^{-1})

* Customization is available upon request.
* iPad controls RAMANtouch via a wireless LAN

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