/Inritsu

Still Satisfied with MS9710B/C?
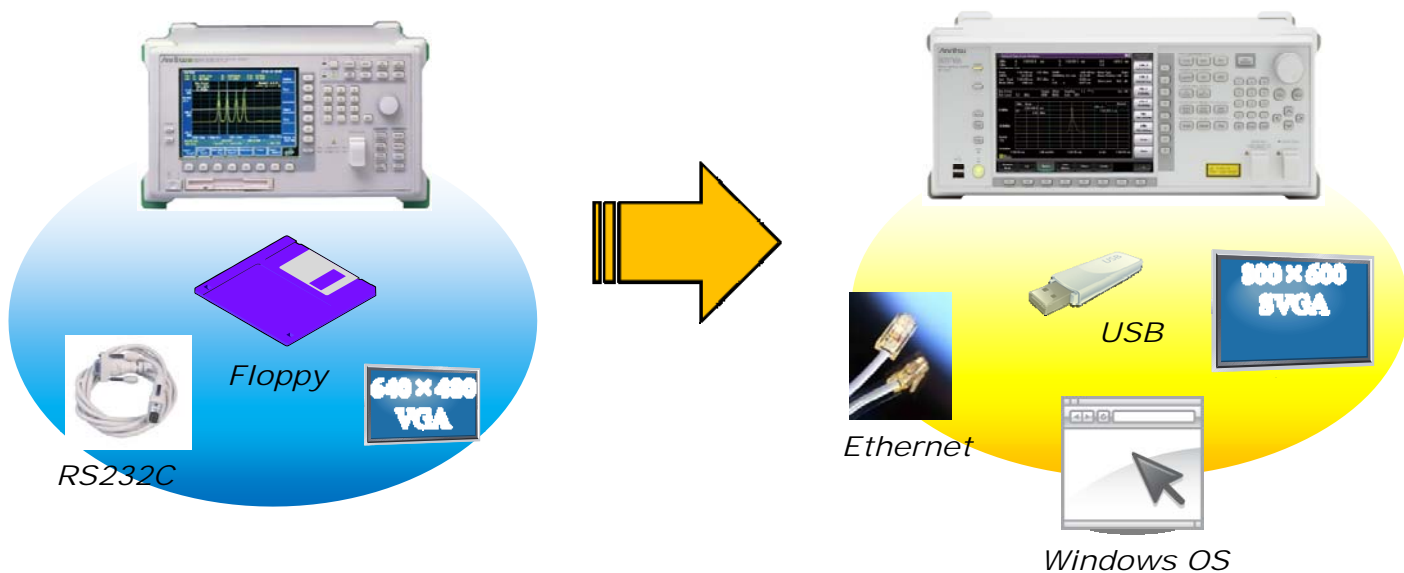
MS9740A
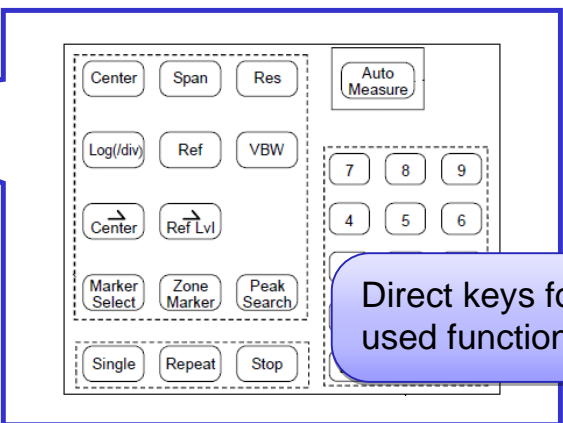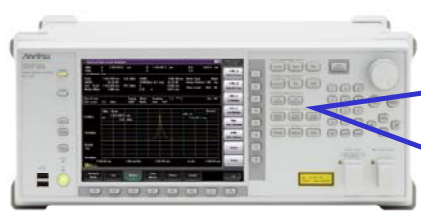### Optical Spectrum Analyzer

The MS9740A user interface and processing speed are greatly improved with five times faster measurement than earlier conventional models. Moreover, new analysis functions make WDM measurements much easier. Additionally, the new MS9740A design is even more robust and reliable.

■Improved User Interface

✓Large LED-backlit LCD plus built-in USB and Ethernet interfaces

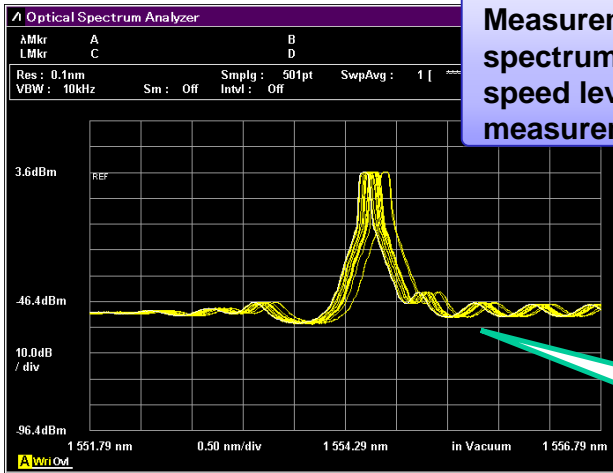✓Supports Windows Embedded Standard with remote control via Windows Remote Desktop

RS232C

Floppy

640×480 VGA

USB

800×600 SVGA

Ethernet

Windows OS

Retains Easy Keyboard Operation

Center | Span | Res | Auto Measure
Log(/div) | Ref | VBW
Center | Ref Lvl | 7 8 9
Marker Select | Zone Marker | Peak Search | 4 5 6
Single | Repeat | Stop
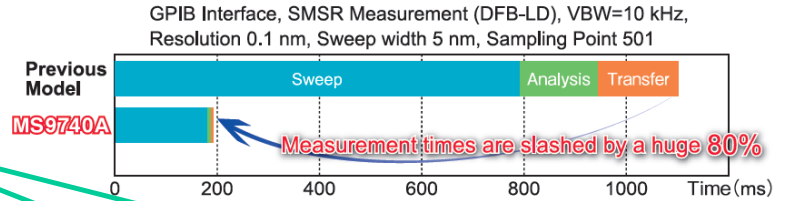
Inherits MS9710 bottom and right tabs and menu layout

Direct keys for frequently used functions

■Faster Measurement Speed

*1: VBW 10 kHz, 501 measurement points

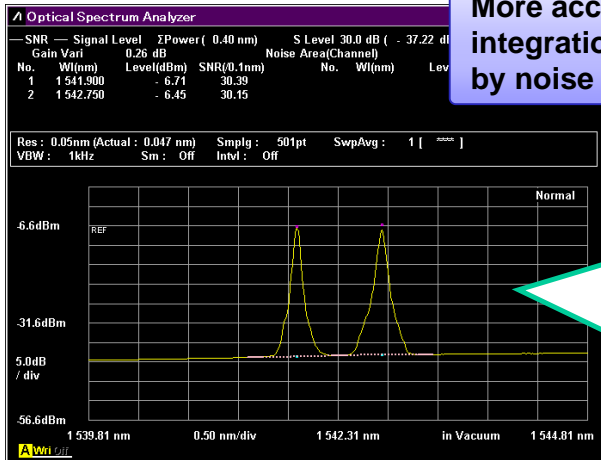**Measurement is five times faster with continuous spectrum sweeping and analysis in <200 ms*1. High-speed level adjustment and waveform fluctuation measurements are supported.**

GPIB Interface, SMSR Measurement (DFB-LD), VBW=10 kHz, Resolution 0.1 nm, Sweep width 5 nm, Sampling Point 501

Previous Model

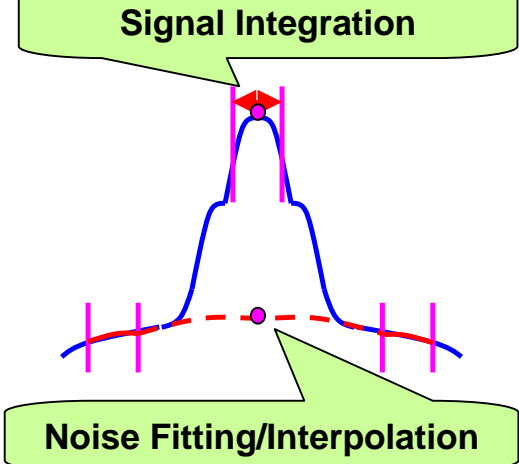MS9740A

Measurement times are slashed by a huge 80%

The Overlap function makes it easy to monitor variations every few seconds in the spectrum. The MS9740A is perfect for monitoring short-term spectrum changes.

■New OSNR Measurement Function

10G-NRZ, 100G Spacing Spectrum Waveform

More accurate OSNR analysis using signal integration function and noise position estimation by noise fitting.

Signal Integration

Noise Fitting/Interpolation

■Improved Reliability

✓Reliability and durability have been upgraded by revising the grating drive mechanism and using a long-life encoder.

✓The HALT test of design reliability has verified that the reliability is better than the MS9710 series.