



News Release

October 28, 2008

High-Precision Non-Contact Surface Texture and Contour Measuring Instrument "LPS5000" Exhibited at JIMTOF 2008.

Tokyo Seimitsu Co., Ltd. (President: Kazuo Fujimori) is going to exhibit at JIMTOF 2008 (October 30th - November 4th, 2008) its non-contact Surface Texture and Contour Measuring Instrument "LPS5000" which integrated laser probe sensor developed by Mitaka Kohki Co., Ltd. with whom Tokyo Seimitsu had prior announced of technical corporations.

The target of "LPS5000" is soft materials which are vulnerable to probe pin of conventional type, such as lens or solder part of IC chips, and sharp edge with shiny surface which is difficult for conventional non-contact type, such as point of sward of machine tool. One of the excellent features of this machine is to ensure high consistency with the results of conventional probe type.

Existing non-contact sensors have inconsistent results depending on materials or shapes, and low conformity with results of contact measuring systems. By this new development, Tokyo Seimitsu is going to improve consistency of contact and non-contact measuring systems and try to have approval of international standard in this area.

Tokyo Seimitsu Co., Ltd. continues to enhance product line up in order to respond to all customer needs from measuring room to production site.

[Main Specifications]

Sensor unit (Z direction)

- Detection Method: Laser probe system
(Auto-focus function includes)
- Measuring range: 10mm
- Resolution: 1nm
- Spot diameter: 1 μ m (with a 100x lens)

