



News Release

October 28, 2008

## Sales of Small-sized 3D Coordinate Measuring Machine "Dura Max" for the Production Line Measurement Commence

Tokyo Seimitsu Co., Ltd. (President: Kazuo Fujimori) will start sales of small-sized 3D Coordinate Measuring Machine "Dura Max" manufactured by Carl Zeiss.

"Dura Max" is the newly developed measuring machine following "Center Max" and "Gauge Max" in Max series where Carl Zeiss seeks high accuracy and speed with environmental durability at shop floor.

With smaller footprint and no-air sources, setting up and controlling at production site becomes substantially easier. Also, stable measuring accuracy is assured by adopting low thermal heat expansion glass ceramics for measuring scale, and dust-proof designs to shut out dust and oil mist in guide and scale area.

Further, it includes as standard equipment the compact scanning sensor "VAST XXT" with lower measuring pressure and wider range of movement. Moreover, the auto exchangeable magazine of stylus is equipped to support all measuring requests in the production site.

Tokyo Seimitsu Co., Ltd. continues to enhance product line-up in order to respond to every measuring need of our customers.

### [Main Specifications]

- Measuring range: X-axis: 500mm  
Y-axis: 500mm  
Z-axis: 500mm
- Maximum movement speed: 520mm/s
- Maximum Permissible Indication Error:  
MPE<sub>E</sub> = 2.4 + L/300 (18-22 degrees C)  
2.7 + L/250 (18-26 degrees C)  
2.9 + L/200 (18-30 degrees C)

