

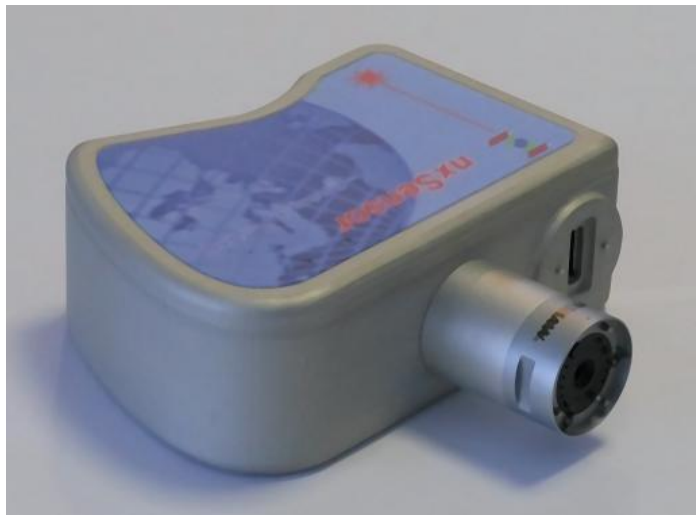
nxSensor-II

The Smallest Plug-n-Play Laser Scanner

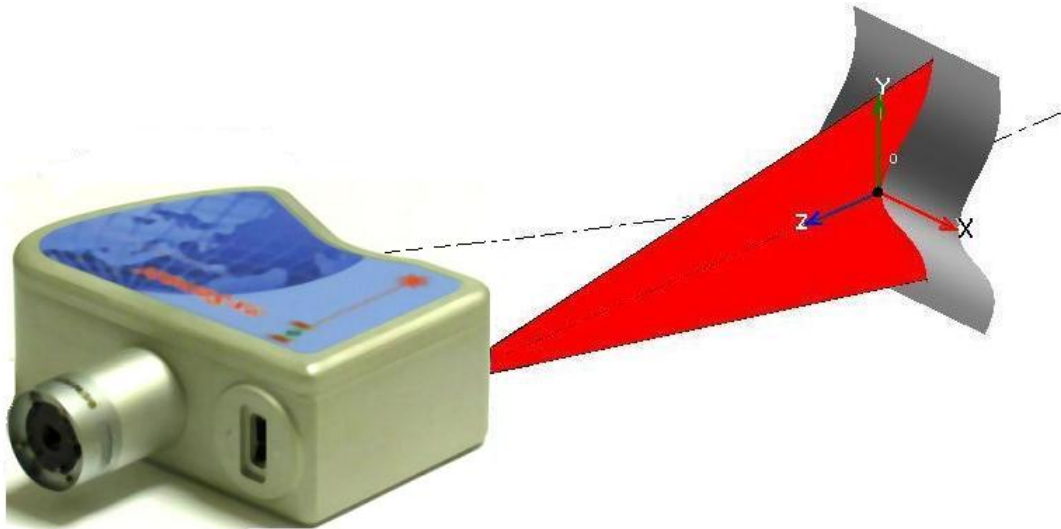
For CMM, Portable Arms and CNC Machines

Presented by NextWare, Inc

Feb, 2013



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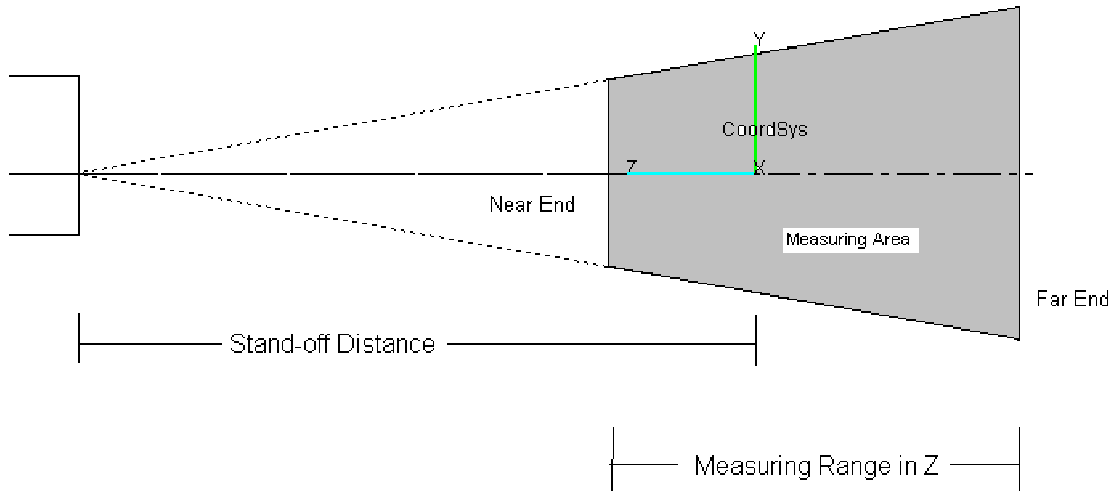


Features:

- *Sophisticated Laser Technology for Non-contact Sensing and Measuring with Self-adaptive Capability;*
- *Advanced Digital Imaging Technology with Real-time Data Acquisition and Processing(No frame grabber needed);*
- *Embedded Digital Signal Processor (DSP) for Dedicated 3-D Coordinate Computing from Real-time Image Data;*
- *Auto-learn & Auto-track Functions to Dynamically Track Object Surface Conditions;*
- *Plug-n-Play Industry-standard USB Interface Ready for Networking in Multiple-task Measurement Environments;*
- *Built-in External Trigger and Software (Internal) Trigger Modes for Synchronization.*
- *Low-power & Sleep Modes for Less Power Consumption When Standby.*
- *Miniaturized and Compact Designs Suitable for Most Existing Motion Systems.*



Technical Specifications* :



- Standoff: 100 mm
- Measuring Range: -30 mm(z) x 52 mm(y)(far end) ~ +20 mm(z) x 40mm(y) (near end)
- Max Sample Points: 2048 per line
- Max Data Rate: 122,880 points per second
- Resolution: 5 μ m
- Accuracy: up to 15 μ m
- Operating temperature: 10 ~ 30 $^{\circ}$ C
- Power Consumption: USB bus powered
- Connection Port: USB 2.0
- Dimensions: 115 mm (L) x 78 mm (W) x 40 mm (H)
- Approx. Weight: 300 g

* The specifications and data published here are subject to revise or change without notice.

