

Positioning and feed back

The Laser Doppler Scale (LDS) provides high speed, high accuracy and long range positioning for single or multiple axis applications. It is compatible with all major controllers for positioning feed back. **Major features are compact laser head (50x50x215 cubic mm), large output laser beam diameter (up to 20 mm diameter),** long range (up to 100 m), high speed (up to 300 m/min.), high resolution (sub nano meter available), and high accuracy (typically 1 ppm). For more details, click on the model number to view the technical brochures. To download the technique brochure, use the download button in the menu bar on the left. For nanometer positioning, click on the Ap-1115. For long range or large laser beam diameter application, click on **Ap-1120**.

- [LDS-1000](#) Precision Linear Positioning
- [LDS-2000](#) Precision Positioning with Environmental Compensation
- [LDS-3000](#) Precision Positioning System for IBM PC Compatibles
- [Ap1120](#)-- A Laser head with ¾" (20 mm) diameter beam for the applications with Long range, large air turbulence and flying chips
- [Ap1115](#)-- A multiple-pass optical adapter for high resolution in turbulent environment

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