



PRESS RELEASE

Mitutoyo Canada Inc.

2121 Meadowvale Blvd. • Mississauga, ON

phone: (905) 821-1261 • fax: (905) 821-4968

www.mitutoyo.ca

For Immediate Release

New Mitutoyo ST46-EZA® Linear Encoders set-up without oscilloscope

The new ST46-EZA® Series linear encoders from Mitutoyo offer advanced features that make them an ideal choice for linear motion systems.

Equipped with Mitutoyo's proprietary EZA® system, the ST46-EZA® does not require an oscilloscope for setup. Instead, installation is performed quickly and easily by utilizing a PC (software is an option) or by using the setup indicator that's equipped on the encoder. The indicator's two red and two yellow LEDs center-in on a green "OK" indicator to signal when set-up is correct. The connector-integrated LED display also includes an alarm function to indicate anomalies.

The ST46-EZA® linear encoder is a space-saving design with a small detector head and small control unit. Even so, with a maximum effective range of 3000mm (glass base type: 100 - 3000mm; aluminum base type: 10mm - 80mm) and a maximum response speed of 2600mm/sec. (sine wave maximum response speed at -3dB) the ST46-EZA® can be used in large measurement applications.

Versatile and dependable, the ST46-EZA® Series linear encoders provide signal outputs compatible with leading manufacturers' servo amplifiers. In addition, these encoders provide a variety of convenient mounting configurations including "double-stick tape-type" and "pull-fixing" type mounting. Mitutoyo linear encoder systems are manufactured in a dedicated, state of the art facility located eleven meters below ground. This unique environment (cleanliness factor: 100) isolates the facility from external vibration and assures minimal variation in temperature and humidity to optimize the ultra-precise manufacture and evaluation of Mitutoyo linear encoder products.

Mitutoyo is the world's largest provider of measurement and inspection solutions offering the most complete selection of machines, sensors, systems and services with a line encompassing CMM (Coordinate Measuring Machines), vision, form and finish measuring machines, as well as precision tools & instruments, and metrology data management software.

Mitutoyo Canada Inc. in Toronto (905) 821-1261 or Montreal (514) 337-5994.

E-mail us at info@mitutoyo.ca or visit our website at www.mitutoyo.ca

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