



Mitutoyo America Corporation

For immediate release

Mitutoyo Releases Latest Generation of Linear Scale

ABS AT1100 assembly-type linear scale provides excellent resistance against cutting fluids, oil and water.

AURORA, IL – August 30, 2016 – Mitutoyo is pleased to announce the ABSOLUTE AT1100, the latest generation of assembly-type linear scales that incorporate Mitutoyo’s electromagnetic induction technology, which provides resistance against contaminants such as cutting fluids, oil and water. The ABS AT1100 will be on display in booth E-5215 from September 12-17 during the International Manufacturing & Technology Show (IMTS) at McCormick Place in Chicago.

The innovative shape and location of the detector track in the aluminum frame provides a highly effective defense against the contamination of the scale and sensor, even in harsh environments. The sensor-to-scale air gap is approximately 0.4 mm, about 4x as wide as that of conventional optical or electromagnetic induction systems, thereby providing additional protection against dust or oil contamination.

ABS AT1100 Linear Scales are available up to an effective range of 3,040 mm and are compatible with FANUC Corporation’s serial interface and Mitsubishi Electric Corporation’s high-speed serial interface.

ABS AT1100 series scales are a special order item.

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Mitutoyo Corporation 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 and instruments, and metrology data management software. Mitutoyo's nationwide network of Metrology Centers and support operations provides application, calibration, service, repair and educational programs to ensure that our 6,500+ metrology products will deliver measurement solutions for our customers throughout their lifetime.

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