



MOMENT OF INERTIA MEASUREMENT SYSTEMS



K-AM Moment of Inertia Measurement Systems are products with advanced features and user interface which can measure the inertia moments of objects of various weights and sizes in a single axis.

This system offers a solution which can make the sensitive and automatic measurement of the natural frequency of the object on the single axis, by initiating the first movement.

User-friendly control panel shows the oscillation of the movement in a simple interface. The results of moment of inertia are shown on the control panel at the end of the process.

The system has capacity of measurement up to 1000 kg, and can instantly connect to the measurement interface with a USB connector and serial connection.

TECHNICAL SPECS

Model	Instrument Type	Interface Plate Dimensions	Payload Weight Limits *	Moment of Inertia Capacity	Sensitivity of Moment of Inertia Measurement
K-AM-XXV	Single Rotational axis	200mm x 200mm	1-25 kg	Max. 5 kgm ²	± 0.5% + 0.002 kgm ²
K-AM-C	Single Rotational axis	300mm x 300mm	10 -100 kg	Max. 25 kgm ²	± 0.5% + 0.005 kgm ²
K-AM-D	Single Rotational axis	800mm x 800mm	50 -500 kg	Max. 150 kgm ²	± 0.1% + 0.01 kgm ²
K-AM-M	Single Rotational axis	1200mm x 1200mm	100 - 1000 kg	Max. 500 kgm ²	± 0.1% + 0.018 kgm ²

*: Maximum weight of the specimen and fixture structure combined can be allowed as %125 of F.S. (Full Scale)

Please contact us for more information and for different requirements.

