

K-KAM

Mass Properties Measurement Systems

K-KAM Mass properties Measurement Systems are products with advanced features that can measure both the center of gravity and inertia moments of objects of various weights without size limitation.

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	Payload Weight Limits*	CG Accuracy Fast/Advanced**	Moment of Inertia Capacity	Sensitivity of Moment of Inertia Measurement
K-KAM-XXV	1-25 kg	0.5mm/0.15mm	10 kgm ²	±% 0.5 + 0.002 kgm ²
K-KAM-C	5-100 kg	1.0mm/0.25mm	50 kgm ²	±% 0.5 + 0.005 kgm ²
K-KAM-CCC	15-300 kg	1.5mm/0.35mm	150 kgm ²	±% 0.5 + 0.01 kgm ²
K-KAM-D	25-500 kg	2.0mm/0.50mm	400 kgm ²	±% 0.5 + 0.03 kgm ²
K-KAM-M	50-1000 kg	2.5mm/0.50mm	900 kgm ²	±% 0.5 + 0.18 kgm ²

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

**Advanced measurement is a special method developed by Karakamlar to minimize measurement errors.

Please contact us for more information and for different requirements.

