

KES-SE/SESRU

KES-SE Friction Tester

The KES-SE Friction Tester analyzes hand movements—particularly, sliding over surface—performed by artisans and professionals when judging a fabric’s texture. The device performs this movement mechanically, making it possible to obtain objective numerical data while offering more enhanced versatility over the KES-FB4-A Surface Tester.

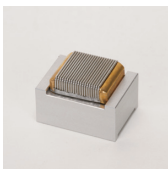
Obtainable data includes average frictional coefficient, and fluctuation of average frictional coefficient. From these characteristic values, the KES-SE evaluates and quantifies smoothness, slipperiness, and roughness felt when actually touching the target, in order to provide objective data.

Measurement Example

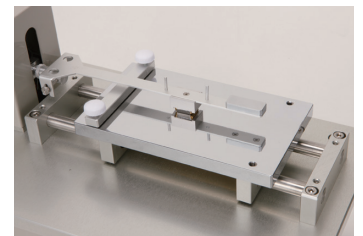
- Disposable diaper smoothness
- Evaluation of silky and comfortable feeling after applying skin care lotion
- Cream smoothness and spreadability
- Tissue paper texture
- Roughness of particle
- Tactile evaluation of car interior materials

FEATURE

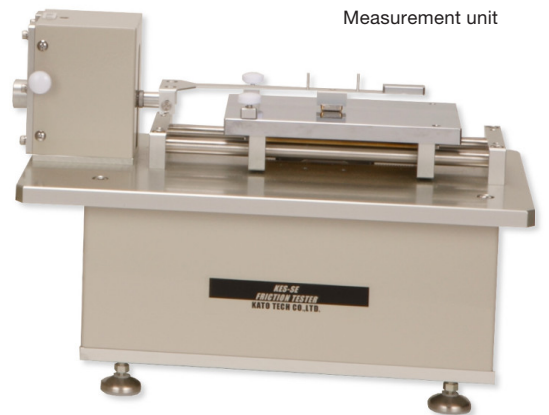
● **Sensor that imitates fingertips**



The sensor unit’s design features a load and surface treatment that mimics a fingertip, allowing for quantification similar to that of the human fingertip.



Measurement unit



KES-SESRU Roughness / Friction Tester

In addition to average frictional coefficient and fluctuation of average frictional coefficient, surface roughness data is obtained. The device is also suitable for light texture conditions and hair measurement.



Measurement unit

