Phone: +91-8860605265
Email : info@astrascientific.com

Product Name : Friction Study Unit	**Product Code :** AU - TR2

Description :

Friction Study Unit, We are manufacturer, supplier, exporter and solution provider in quality Friction Study Unit

Technical Specification :

Friction Study Unit - The friction study unit allows to study a phenomenon which is continuously present in nature. Friction is a physical phenomenon by which two mobile surfaces in contact tend to stop. This leads to a surfaces wear and so to an energy loss. This is

the reason why it is a phenomenon to be taken into account when studying a system. Forces between surfaces, their state, the kind of material and the unit where the friction takes place (dry or wet) will determine the coefficient of friction, by which the friction force is calculated
The Friction Study Unit “MEF” allows to illustrate the friction force by simple demonstrations. It is designed for the study of the relations between friction forces and normal forces, between hard or soft surfaces, between lubricated or dry surfaces and between rolling surfaces for several types of materials. The unit is mainly composed of:
- Roller and brake set.
- Several materials cushions set.
- Weights set.

The weight makes the roller set turn while another weight exercise some pressure on the brake, the relation between both of them determines the coefficient of friction for different materials and different operational conditions. The unit is assembled in an anodized aluminum profile structure, in steel panel painted in epoxy.
This unit is mainly composed of:
Friction rollers.
Brake mechanism.
Movement pulley.
Friction cushions set.
In order to carry out some of the practices with MEF unit are required 2 set of weights “B type”
Manuals: This unit is supplied with the following manuals: Required services, Assembly and Installation, Starting-up, Security, Maintenance and Practices manual.

Africa, USA, Dubai, UAE, Kenya Middle East, UK, Suppliers

Astra Scientific

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www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265