



An ISO 9001:2015
CERTIFIED CO.

PRECISION | QUALITY | RELIABILITY
Powering Connections Worldwide

LINEAR EXPANSION APPARATUS



STUDY. MEASURE. UNDERSTAND.
THE SCIENCE OF EXPANSION.

The ESEL Linear Expansion Apparatus is designed to demonstrate the linear thermal expansion of metals.

It provides accurate measurements and reliable results for physics experiments in laboratories, educational institutions, and research facilities.



ACCURACY YOU CAN TRUST

Precise design for accurate measurements and consistent performance.



DEMONSTRATE THERMAL EXPANSION

Effectively demonstrates the linear expansion of metals.



PRECISE MEASUREMENT

Micrometer scale ensures accurate and repeatable observations.



STURDY & DURABLE CONSTRUCTION

Built from high-quality materials for long life and reliable use.



EASY TO USE

Simple setup and smooth operation for better learning outcomes.



IDEAL FOR EDUCATION

Perfect for physics laboratories and academic experiments.

SPECIFICATIONS

Product Name	Linear Expansion Apparatus
Material of Bar	Brass / Aluminium / Copper / Mild Steel (as per model)
Length of Metal Bar	Approx. 500 mm
Diameter of Metal Bar	Approx. 10 mm
Least Count	0.01 mm (Micrometer)
Range	0 - 10 mm
Scale Type	Micrometer Scale
Temp. Source (By User)	Steam / Hot Water
Stand Material	Cast Iron
Rod Material	Stainless Steel
Application	To study the linear expansion of metals with rise in temperature.

APPLICATIONS

- ✓ Physics Laboratories
- ✓ Educational Institutions
- ✓ Engineering Colleges
- ✓ Research & Development
- ✓ Quality Control & Material Testing



PRECISION COMPONENTS. RELIABLE RESULTS.



ADDRESS

62 Azad Nagar, Near Rampur Chowk;
Behind Khalsa Tent House,
Ambala Cantt, Haryana,
133001 India



CONTACT US

Info@eselindia.com
Sharma_electrical@yahoo.com
asinternational024@gmail.com
+91 9416183370, +91 9416493069,
+91 9306996454
International Business +91 7015448621



WEBSITE

www.eselinternational.org
www.esellab.com

Also on
trade.gov.in