

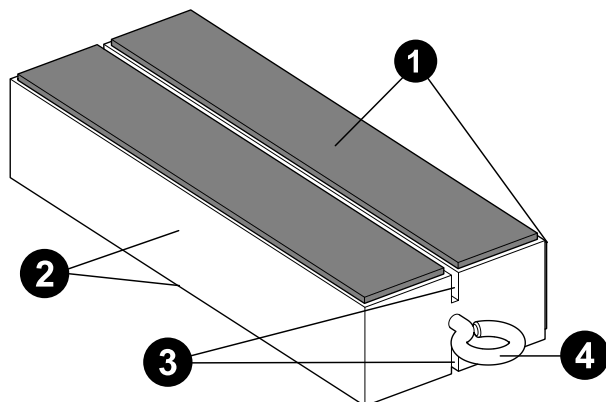
Friction Block

ME-9807

Introduction

The Friction Block is made of wood and covered with felt on two sides. The block features sides of different surface areas for both wood and felt, allowing you to measure the effect of both material and surface area on frictional force. The block is designed to fit into the tray of a dynamics cart, allowing the cart to move on its wheels or be turned upside-down to move on the Friction Block without changing the mass.

Features



1 Felt surface

Two sides of different surface area are covered with felt, letting you compare the sides' coefficients of friction to each other, and to the coefficients of equally sized wood surfaces.

2 Wood surface

Two sides of different surface area are bare wood, letting you compare the sides' coefficient of friction to each other, and to the coefficients of equally sized felt surfaces.

3 Slots

Use to insert a Cart Picket Fence (ME-9804) or Angle Indicator (ME-9495A).

4 Eye hook

Tie a string here to pull the block.

Experiment files

Download one of several student-ready activities from the PASCO Experiment Library. Experiments include editable student handouts and teacher notes. Visit [pasco.com/freelabs/ME-9807](https://www.pasco.com/freelabs/ME-9807).

Technical support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to answer your questions or walk you through any issues.

- Chat [pasco.com](https://www.pasco.com)
- Phone 1-800-772-8700 x1004 (USA)
+1 916 462 8384 (outside USA)
- Email support@pasco.com

Limited warranty

For a description of the product warranty, see the Warranty and Returns page at www.pasco.com/legal.

Copyright

This document is copyrighted with all rights reserved. Permission is granted to non-profit educational institutions for reproduction of any part of this manual, providing the reproductions are used only in their laboratories and classrooms, and are not sold for profit. Reproduction under any other circumstances, without the written consent of PASCO scientific, is prohibited.

Trademarks

PASCO and PASCO scientific are trademarks or registered trademarks of PASCO scientific, in the United States and in other countries. All other brands, products, or service names are or may be trademarks or service marks of, and are used to identify, products or services of, their respective owners. For more information visit www.pasco.com/legal.