**Physics Single-Concept Films Collection 2**

**(Ealing)**

The Physics Single-concept Films Collection 2 demonstrates concepts

that are very difficult or impractical to produce in the typical

classroom. The DVD contains an audio track for optional use. The

Teacher's Guide includes descriptions for each video and activities for

taking measurements. The frames per second rate for the original

film loops is noted at the beginning of each chapter. The DVD playback

rate is 30 frames per second. The DVD includes a barcode

directory for use with Pioneer DVD players, such as the DVDV7200/

7400, that support barcode commands. The Teacher's Guide

is on a CD-ROM in an Adobe Acrobat Portable Document Format

(PDF). It may be accessed with a Macintosh or Windows computer.

The Teacher's Guide includes a lesson for each video. The lessons

may be printed, copied to a disk or read directly from the CD-ROM.

These materials were originally created as film loops, many published

by Ealing. The American Association of Physics Teachers (AAPT)

and its Instructional Materials Center produced these videos in 1993

to help bring proven instructional resources into today’s classrooms.

In 2001, Ztek Co., Lexington, Kentucky converted the videotapes to

DVD and the teacher’s guide to CD-ROM. The narration and

teacher’s guide were prepared by Charles R. Lang, Omaha Westside

High School, Marcia Berkamp, Wichita Collegiate School and

Robert G. Fuller, University of Nebraska-Lincoln.

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Level: 7+

Media: CD-Rom

**Use these 38 videos to effectively demonstrate concepts**

**such as Newton’s Laws, diffraction and**

**diffusion.**

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