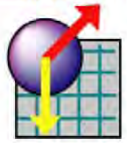
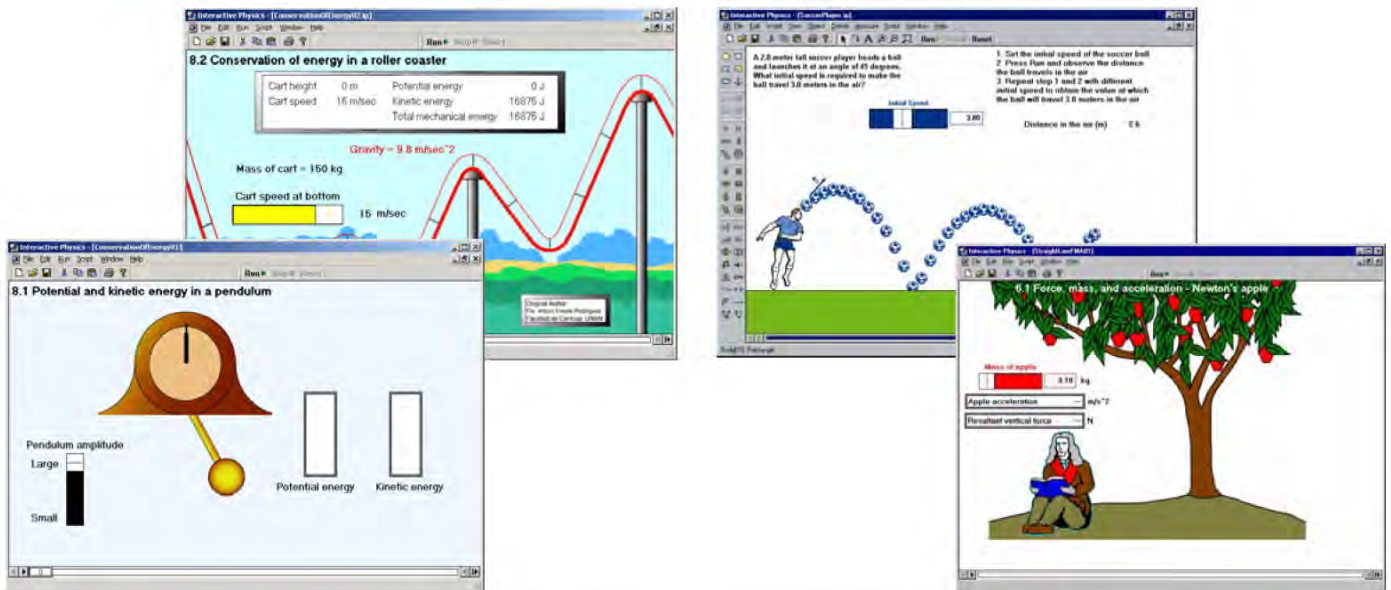




# Interactive Physics



THE WORLDWIDE STANDARD IN PHYSICS SIMULATION SOFTWARE



**BOOST YOUR PHYSICS CURRICULUM WITH POWERFUL MOTION SIMULATION TECHNOLOGY**

The foundations of scientific discovery are imagination and inquisitive "what if" curiosity. Interactive Physics makes your students active learners and empowers them to:

- Explore their physical world through fast-paced exciting simulation
- Visualize the abstract scientific concepts taught in the classroom
- Test hypotheses and investigate "what if" scenarios
- Learn school-to-career job skills with real-world motion tools

Adopted by more than 18,000 schools worldwide, try Interactive Physics and see why it has been named the "Best Educational Software Product" several years running.

**EASY AND FUN TO USE! WATCH PHYSICS IN ACTION!**

Create new experiments or interact with pre-designed Physics exercises to:

- Measure velocity, acceleration, force, momentum, energy, etc., in metric or English units
- Create ropes, springs, dampers, pulleys, slot joints, linear actuators, and rotational motors
- Hear and measure sound volumes, sound frequencies, and Doppler effects
- Vary air resistance, gravity, or material properties
- Create visually appealing presentations by attaching graphics to objects
- View results as numbers, graphs, and animated vectors

**Encourage hands-on, minds-on, and can-do attitude in the classroom.**

[www.interactivephysics.com](http://www.interactivephysics.com)



### EASY CURRICULUM INTEGRATION

Interactive Physics allows students to master concepts in a safe environment, without costly lab supplies and time-consuming lab setup. Your physics lectures and lab activities will immediately benefit from Interactive Physics!

- Select from a wide range of ready-to run exercises built for your curriculum
- Rapidly customize existing models to meet your specific needs
- Create and share models with teachers and students
- Compare simulation data with theoretical results
- Demonstrate hard-to-explain concepts like Coriolis acceleration
- Show properties of objects that you cannot see in a lab, for example, vectors or the path of a body

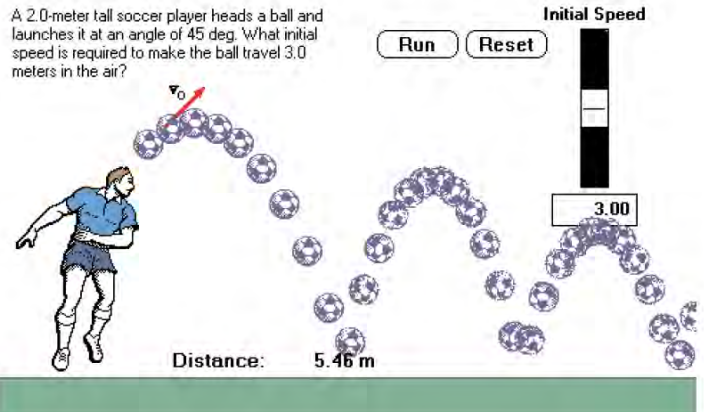
### COMPLETE CURRICULUM SUPPORT

- Offers both high school and college level ancillary support, with supplementary exercises, and activities for easy lesson planning and grading
- Widely adopted by major textbooks
- Complements textbook problems
- Excellent in-class demonstrations
- The Interactive Physics Homework Edition allows students to work at home and exchange assignments electronically with teachers and other students

### REAL LIFE APPLICATION

Design Simulation Technologies also develops Working Model for professional scientists and engineers. Check out [www.workingmodel.com](http://www.workingmodel.com) and see the same, professional motion simulation technology your students learn with Interactive Physics!

A 2.0-meter tall soccer player heads a ball and launches it at an angle of 45 deg. What initial speed is required to make the ball travel 3.0 meters in the air?



### CORRELATED WITH NATIONAL EDUCATION STANDARDS

Your students master science objectives by creating simulations in essential physics topics, including:

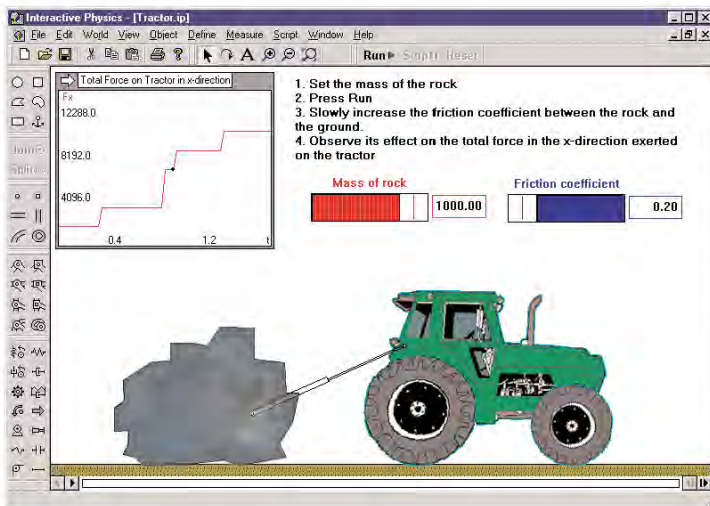
- |                       |                     |
|-----------------------|---------------------|
| 1-D motion            | Magnetics           |
| 2-D motion            | Momentum            |
| Collisions            | Newton's Law        |
| Conservation Laws     | Oscillations        |
| Doppler effects       | Particle Dynamics   |
| Electrostatics        | Planar Motion       |
| Equilibrium           | Projectiles         |
| Evaporation           | Pulley Systems      |
| Frequency             | Rockets             |
| Friction              | Rotational Dynamics |
| Gears                 | Sound Intensities   |
| Gravitation           | Statics             |
| Kinematics            | Waves               |
| Kinetic Theory of Gas | Trig Functions      |
| Machines              | Work and Energy     |

### SYSTEM REQUIREMENTS

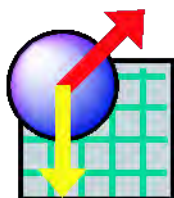
Windows Systems

- Microsoft Windows 95/98/ME/2000/XP/Vista/Windows 7
- 1 GB RAM minimum
- 60 MB disk space
- CD-ROM drive
- Sounds card for sound experiments

Design Simulation Technologies  
 43311 Joy Road, #237  
 Canton, MI 48187  
 USA  
[www.design-simulation.com](http://www.design-simulation.com)  
[sales@design-simulation.com](mailto:sales@design-simulation.com)



Help your students make the right moves toward their **FUTURE!**



# Interactive Physics

Interactive Physics™		http://www.interactivephysics.com		NZ\$ ex gst - July 2012	
Description	Item No.	Annual Licence	Perpetual Licence	Item No.	Perpetual Licence
Single User (node-locked)*	IP01NL	150	374	IP01NLUp	180
Additional Single User **	IP01	N/A	150	IP01Up	75
Single User (dongle-locked)***	IP01DG	N/A	744	IP01DGUp	306
10 User ****	IP10	480	1,494	IP10UP	625
20 User ****	IP20	720	2,244	IP20Up	938
30 User ****	IP30	960	2,994	IP30UP	1250
50 User ****	IP50	1,435	4,494	IP50Up	1881
100 User ****	IP100	2,640	8,244	IP100Up	3475
Custom Site License	IPCustom	N/A	Call	IPCustomUp	Call
Homework <sup>9</sup>	IPHW	N/A	750	Requires Multi-User Installation of IP	
Single User CD & Manual	IP01DOC	N/A	75	Requires Single User Node Lock or Dongle Lock Purchase	
English Manual	IPUSR	N/A	75	Requires current Interactive Physics licence	
+Upgrades require valid version 2000 or higher serial number (no upgrades from version 5.x or earlier)					
* Single User node-locked and homework versions can only be used on a single, identified computer					
** Additional Single user copies can only be added to Single User node-locked versions. A purchase of at least one single user node-locked is a pre-requisite.					
*** Single user dongle locked use a hardware locking device. The software can run on any computer in which the locking device is attached.					
**** Multi-user seats can be configured as a floating (network) license or as node locked seats. See notes 9-12 below					
1 A copy of the school's purchase order and/or purchasing information must accompany all orders .					
2 All software and documentation is delivered electronically, by email containing download instructions and a serial number.					
3 CDs and documentation may be requested at no charge for multi-user seats. One copy of the manual and one CD will be provided.					
4 CDs and documentation for single user seats must be ordered separately. Order the extra manual and request a CD.					
5 For any CD and Manual requested, shipping charges will be added to the invoice.					
6 To trade up from x users to y users (with or without an upgrade), use the following price calculation formula: Trade-up price = (new y user price – new x user price) + x upgrade price (if applicable) Example: 10 user upgrade trade-up to a new 30 user: (\$2994 - \$1435) + \$625 = \$2186					
7 Homework/Student Editions have no technical support. Only for student use on student-owned computers (not for school computers).					
8 Homework licenses are valid for one year and are limited to 50 bodies, 15 constraints, and 15 output meters.					
9 Multi-user licenses configured as floating licenses allow simultaneous use up to the number of licenses purchased and require the installation of our network license server.					
10 Multi-User licenses configured as node-locked can be installed on N machines, where N is the number of licenses purchased. No license server is required.					
11 Multi-user licenses can only be installed at a single geographic location or campus.					
12 Multi-user license quantities differing from the listed packages can be purchased. The price is calculated by using the per-user price from the next lower package and multiplying by the number of users. For example, to price a multi-user configuration for 34 users: 30 user per user price = 2994 / 30 = \$99.80 which means the 34 user price = \$99.80 X 34 = \$3393.20 The same methodology applies to the Annual License price.					
13 All sales are final. Free Evaluation versions are available and provide the means for you to determine if the product meets requirements.					
14 Prices and terms are subject to change without notice. Prices on this sheet are NZ\$ ex gst					