

Labdisc model line – unique features

Feature	User benefit
All-in-one device with more than 10 built-in, auto calibrated and accessible sensors	Huge advantage to teachers. Saves 90 minutes of Lab preparation time. Dramatically reduces the number of meters and cables needed for the lab session.
Wireless communication for all sensors	Cable-free enabling clean and organized working environment and mobility.
Long battery life of over 150 hours between charging	Critical for field work and long observations, such as weather.
Compact size light weight	Replacing the large and heavy Lab instruments with a compact light device. Ideal for outdoor activities and for saving large space on the Lab tables.
An independent data logger	Built in display, memory and battery, enables collection and display of measurement without being connected to a computer or tablet computer. Saving the need to purchase and supply one computer per data logger.
Cart for simultaneously storing and charging over 10 data loggers	Very important, since charging and storing is a key problem in schools, where there are normally only a few electrical outlets in the classroom.
LMS (Learning Management System)	WEB service, automatically collecting and presenting all experiments done by teachers and students. Enable collaboration between schools, MOE guidance broadcast to all schools and more.
Simulation package	Unique simulation of molecules and atom behavior, all controlled by real temperature and air pressure measurements. For the visualization of molecule bonds, their electrical charge, speed, collisions and diffusion – in changing conditions of air pressure and temperature.