

STEM



# Labdisc

*All-in-one science lab with up to 15 built-in sensors.*



## INCLUDED WITH EVERY LABDISC PURCHASE:

- **Starter Plan license to [MyStemKits.com](http://MyStemKits.com) K-12 integrated STEM curriculum** with lessons for implementation into schools.
- **Automatic sensor calibration** for zero set-up time.
- **Bluetooth** capability.
- Multi-platform Globilab **software**.
- **2-hour online training**.
- K-12 grade levels.



## Features & Specifications

- Multi-platform Globilab software included with all purchases. Supported platforms: Standalone, PC, MAC, iOS\*, Android, Linux, and Chrome OS\*
- Remote data logging
- 12-bit sampling resolution
- Internal memory storage: 128,000 samples
- Internal LIPO 3.6V rechargeable battery
- Over 150 hour battery life
- Graphical LCD display, 64 x 128 pixels
- USB 2.0 connection
- Wireless Bluetooth V2.0 communication
- Automatic sensor testing and calibration
- Size: 132mm diameter, 45mm height
- Weight: 300 grams
- Temperature range: -10 to 50°C
- CE & FCC compliant
- External power supply: 100-240V AC/12V DC 1A

Certain models only\*



[mimiostem.com/labdisc](http://mimiostem.com/labdisc)

**mimioSTEM**  
by Boxlight®

# Labdisc

## Comparison Chart



SENSORS						Available Add On
Sensor	GenSci	Biochem	Enviro	Physio		
Accelerometer				X		X
Air Pressure	X	X		X		
Ambient Temperature	X	X	X	X		
Barometer		X	X			
Colorimeter		X	X			
Conductivity		X				
Current	X			X		X
Distance	X			X		
Dissolved Oxygen		X* Probe Sold Separately	X* Probe Sold Separately			
External Temperature	X	X	X	X		X
GPS	X	X	X			
Heart Rate		X				X
Infrared			X			
Light	X	X		X		
Low Voltage				X		
Microphone	X			X		
pH	X	X	X			
Relative Humidity	X	X	X			
Sound Level	X		X			
Thermocouple		X				
Turbidity		X	X			
Ultraviolet Light			X			
Universal Input	X	X	X	X		
Voltage	X			X		X
UNIQUE FEATURES						
Maximum Sampling Speed	24,000/s	100/s	10/s	24,000/s		

Additional add-on sensor options include the following: External CO2 Sensor, External Respiration Sensor, Magnetic Field Sensor.



Intel®  
Education  
Alliance

