

Portable Instrument Enclosure



Features

- Battery Powered
- 2 Hour operation for 5 Amps at 12V DC
- Regulated DC Voltage
- Water Resistant
- Portable
- Rugged
- Key Switch Option
- Water Tight Feed Through Option
- Heat Exchanger Options
- External Power Input Option
- Interlock Option
- Electronics and User Interface Options
- Remote Pendant or Remote Control Options
- Padded Rolling Field Case

Applications

- Portable Lasers and other Illumination Systems
- Spectroscopy Systems
- Instrumentation
- Communications
- Test and Measurement

Description

You've demonstrated new applications in the laboratory. Take the next step in that adventure and move your systems out of the lab and into the field.

The PIRATE or Portable Instrument Rugged All Terrain Enclosure is a battery powered enclosure prepared to make your project ready to rampage into the field. We've already sorted out the battery interface and a variety of options from connectors to water tight feed through, interlocks, heat exchangers and more.

Already used for portable lasers, the PIRATE is suitable for illumination systems, instrumentation, spectroscopy and many other systems that need to be out of the laboratory and in the field. We've harnessed the power of a military battery for applications that require significant current. This enclosure is water resistant, and has a durable exterior and heavy duty handle. Interfaces can be adapted to your needs.

The PIRATE is available with standard configurations and options or utilize our engineering team to package systems and provide interfaces for electronics, optics, and users.

Typical system configuration

- Battery Compartment and Battery
- AC powered Battery Charger
- Regulated 12V DC
- 4 connectors, variable pinouts
- Key Switch
- Heavy Duty Handle
- Heat Exchanger
- Desert Tan or Jungle Green



Base Units

Ordering information



External Dimensions	18.625 X 6.26 X 4.5 inches (excluding handle, connectors, feed through)
Available Internal Space	11X5.25 X 3.75 inches
Weight	20 Lbs. (lighter versions available)
Regulated Voltages Available	2-95 Volts
Connectors	3 connectors standard, specify pin requirement
Key Switch	Optional
Passive Heat Exchangers	User Specified Locations on Enclosure
Active cooling	Pending available battery power after installed instrumentation.
Battery Charger	110-220VAC approximately 8 hour charging time per battery
Other Options	Water Tight Feedthrough Remote Pendant Remote Control External Power Connector (Relay Interface)

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