



Precision Systems

STORM BOX

Water Monitoring Equipment Enclosure



Many water monitoring applications require a system to monitor rainfall, measure flow, and take automatic samples at remote locations. Most sites are unattended and unprotected leaving all components exposed to the elements.

The Storm Box offers a completely integrated, portable system containing a rain gauge, flow meter, sampler and power source. It operates automatically to meet regulations by metering rainfall and flowrate and by collecting samples. Telemetry can be added to the Storm Box to allow for unattended retrieval of all event information.

The Storm Box offers the great advantage of enclosing the valuable equipment and protecting the system from the abuse of weather, vandalism, tampering, animals, etc. In addition, system protection can reduce maintenance and replacement costs thus saving money and reducing the long term costs of meeting EPA regulations. Preassembly of components allows the user to prewire and preprogram all components "in the shop." The compact portable design makes field replacement a snap.

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THIS...



OR THIS!



STORM BOX FEATURES:

- White fiberglass construction
- Layout configured to contain: Rain Gauge, Flowmeter, Flowlogger, Round Sampler, and Power source
- Protects equipment from weather, vandalism, tampering, animals, etc.
- Padlockable hasp provided
- Four external handles for two man lift loaded or unloaded

ISCO EQUIPMENT LIST:

The standard construction Storm Box is designed to mount the following ISCO equipment:

1. ISCO Samplers
3700 Series
6700 Series
GLS Series
2. ISCO Flowmeters
4200 Series
3. ISCO Flowloggers
2150 Series
4100 Series

4. ISCO Rain Gauges
674 Series
5. Power Supply
Deep Cycle Marine Battery

STORM BOX OPTIONS:

The Storm Box can be built with the following list of standard options if required.

- Rain gauge mounting hardware
- Stainless steel construction
- Oversized feet
- Mounting for ISCO 'C' samplers
- Mounting for ISCO Glacier and Avalanche samplers
- AC power outlet
- AC radiant heater

PHYSICAL CHARACTERISTICS:

Storm Box dimensions:

40 in. wide by 26.5 in. deep by 33.5 in. high

Storm Box weight: 75 lbs. (unloaded)



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