



The basic E/One Sentry panel provides features essential to any installation:

- A. Circuit breakers for pump power and alarm circuits
- B. Audible high level alarm indication
- C. Visual high level alarm indication
- D. High level alarm silence switch
- E. Manual Run switch
- F. Redundant "Start" function with high level alarm
- G. Run indicator to show when pump is operating

The Sentry line of alarm panels is custom designed for use with E/One grinder pump systems. The E/One Sentry™ alarm panels provide the latest technology and the greatest flexibility in customizing features to satisfy individual needs. The new alarm panels can be configured to provide functions ranging from basic alarm indication to advanced warning of pending service requirements. In between, there are numerous features available including a start counter; run-time meter; service disconnect capability; and remote alarm indication.

Like the E/One grinder pump station, all panels are ITACS listed and meet all applicable Australia/New Zealand codes and standards. Furthermore, all E/One Sentry alarm panels are housed in IP 56 lockable enclosures, suitable for mounting on a wall or a post.

**THE E/ONE REMOTE SENTRY DISPLAY MODULE** provides visual and audible indication when the water level inside the grinder pump tank reaches a predetermined "high" level during normal operation, or

in the event of a power outage (with hard-wired version of *Extreme* core and optional contacts in panel). It is ideally suited for installations where the outdoor alarm panel location is obstructed from view.

## The Remote Sentry includes:

- A low profile attractive case (137mmW x 93mmH x 32mmD)
- Lithium battery
- Audible alarm (70dB)
- Push-to-silence audible alarm switch
- Push-to-test visual and audible alarm



## Now Available in Two Upgrades

## E/ONE SENTRY PROTECT

The E/One Sentry Protect panel provides important protection from external conditions that could otherwise prove damaging to the E/One grinder pump station.

Adding the Protect option to the E/One Sentry panel provides a Trouble indication and shuts down the pump/core temporarily in the event of an unacceptable operating condition.

The pump/core will automatically return to Normal operation when the condition is resolved. The Protect feature provides monitoring of:

- Brownout conditions with the electrical power supply
- System over-pressure condition such as with a closed valve
- Run-dry operation of the pump/core

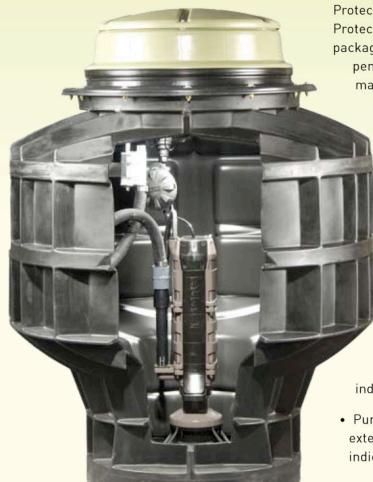


## **E/ONE SENTRY PROTECT PLUS**

Taking it to the next level, the E/One Sentry
Protect Plus includes the benefits of the
Protect option as well as a diagnostics
package that provides advance warning of
pending service needs by monitoring
major operating conditions and
providing a Trouble indication when

these conditions fall outside of normal ranges. Depending upon the severity of the abnormal condition, the grinder pump station may continue to operate. The Protect Plus feature provides monitoring of:

- AC input voltage if input voltage falls below 88% or above 112% of normal line voltage a Trouble indication is provided
- Amperage if amperage exceeds preset limits a Trouble indication is provided
- Pump run-time if the pump operates for extended periods (adjustable) a Trouble indication is provided





The following features are included or available with the E/One Sentry Protect Plus to maximize reliability and convenience:



- 2 Audible Alarm
- Alarm Silence Switch
- Main Service Disconnect Breaker (available option, not shown)
- 5 Easy-Access Terminal Strips Interface
- Display Panel Operating Indicators
  - Ready (AC Power) Indicator
  - · Pump Running Indicator
  - Trouble Indicator
  - High Level Alarm Indicator
- 1 LCD Display
  - Manual Run Switch/ Enter Switch
  - Scroll Switch
  - Trouble Indications:
     Brown-out Condition
     Run-dry Condition
     System Over-pressure Condition
     Voltage Problem
     Amperage Problem
     Run-time Limit Exceeded

- B Diagnostic Mode Switch (For system setup/service)
  - Diagnostic Mode Indicators
  - Pump Performance provides access to performance statistics including:

Real-time Voltage
Real-time Amperage
Real-time Wattage
Minimum Voltage
Maximum Voltage
Minimum Amperage
Maximum Amperage
Minimum Run-time
Maximum Run-time
Average Run-time
Last Run-time
Start Counter
Hour Meter

- Initialize System
- Run Limit
- · Alarm Delay
- · Power Delay

- Generator Receptacle (available option)
- Manual Transfer Switch
  AC Mains to Portable
  Generator
  (available option)



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