

# Vapor Status 1P

## Portable Vapor Recovery O2 Analyzer And Recording System



Portable O2 Analyzer



Panel Mount Alarm & Recording Panel

**We Had To Ask The Question** 'Why install a delicate instrument on deck' when asked to supply two VMAX vessels with a vapor recovery O2 analyzer, recording and alarm system. We could not come up with a good answer, nor could Class. So we developed the Vapor Status 1P as a portable system.

**Wheel It Out** plug it into the quick connect manifold located on deck and start your vapor balancing operation. It is that simple. When finished, the analyzer is rolled back and stored out of the weather.

**Intrinsically Safe** operation is achieved by using an appropriate gas detector and a simple ejector pump mounted in our flow manifold. The ejector pump operates by using a small amount of ships service air that keeps a steady flow of gas through the analyzer.

**Easy To Calibrate** via a small Infra-Red calibrator. Simply pull a fresh air sample through the analyzer, point the calibrator at the sensor and press the calibrate button. The rest is automatic. There are no zero and span pots to adjust that might create errors.

**Monitor It** with our alarm panel. The panel will monitor the flow switch located in the portable unit. Should the flow rate through the analyzer drop below .75 lpm then an alarm will sound.

**Select** whether the system should alarm at 6% or 8% O2 content by simply moving a jumper.

**Record** the O2 concentration only when needed. When not in operation the chart recorder can be halted to conserve consumables.