



PRECISION LEVEL READER

LIQUID LEVEL MONITORING



ACCURATE, SAFE AND EFFICIENT LIQUID LEVELS

The QED Precision Level Reader (PLR) is the most accurate, safest and efficient method for determining leachate and/or condensate levels in gas wells. Levels are detected within seconds and are recorded with a time, date and location stamp, with no need to interrupt vacuum in the well. Using a permanently installed weight and tube, the PLR engages a micro-compressor and differential sensors to determine a water level reading that is never affected by foam and will not cross-contaminate from well to well.

KEY ADVANTAGES

- **Safety** – No more messing around with a water tape or well seal removal. Level readings take a fraction of the time and effort, with no exposure of technicians to dangerous gases or liquids in the process.
- **Accuracy** – Levels are taken with vacuum remaining intact, meaning no errors due to foam in the well or vacuum losses.
- **Efficiency** – With average level readings taking only seconds, operators see immediate and long-term labor savings.
- **Accessibility** – No more pen and paper; all readings are displayed immediately and stored electronically for future access.
- **Quality** – Proven industry-standard materials and manufacturing techniques ensure a high quality, durable product.

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SYSTEM COMPONENTS

The PLR system consists of 3 components, the Remote Measurement System (RMS) and handheld portable PC platform, and the handset software as listed below:

Remote Measurement System (RMS)

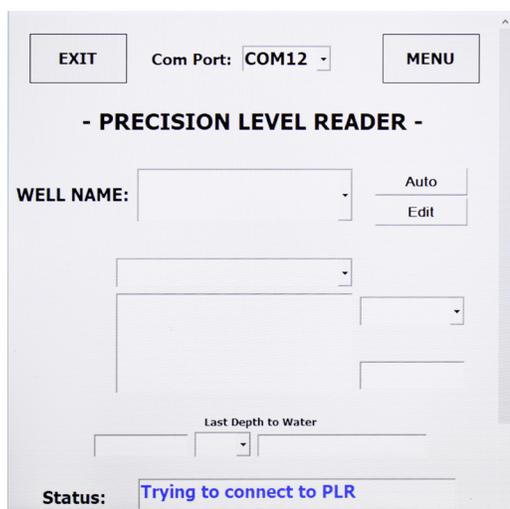
- IP65 ABS enclosure housing the air pump, battery, pressure sensor and interface circuits

Handset

- Rugged handheld unit with integrated Bluetooth radio system running Windows 10 based operating system with minimum 64MB RAM and 256MB Flash



Handset Software



CUSTOM MOUNT FITTING KIT

- Custom permanent fitting kit for one-time installation at each node



- Windows 10 OS PLR runtime application software for Smartphone or Tablet
- Customized Interface Application Software
- User friendly digital display, audible and visual alerts
- Simple data recording and storage options
- Displays results in either imperial or metric measurements
- Compatible with any Bluetooth enabled Windows Mobile 6 OS
- handset

For ordering information please visit: <https://www.qedenv.com/en-us/products/precision-level-reader/>

Data Sheet Reference : 2380

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