



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.

© Product designs and specifications are subject to change without notice. User is responsible for determining suitability of product.

QED Environmental Systems Inc.
2355 Bishop Circle West Dexter, MI 48130, USA

 info@qedenv.com

 800.624.2026
734.995.2547


WWW.QEDENV.COM

QED Environmental Systems Ltd.
Cyan Park, Unit 3 Jimmy Hill Way, Coventry CV2 4QP, UK

 sales@qedenv.co.uk

 +44 (0) 333 800 0088

PRECISION LEVEL READER

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.
- Extended life battery to improve field operating time. An extended life battery kit is also available for field replacement on existing units.
- Rugged charging cord/power adapter to withstand years of hard use in the field.

Handset

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



Handset Software

EXIT
Com Port: COM12
MENU

- PRECISION LEVEL READER -

WELL NAME: Auto
Edit

Last Depth to Water

Status: Trying to connect to PLR

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/>

QED Environmental Systems Inc.
2355 Bishop Circle West Dexter, MI 48130, USA

info@qedenv.com 800.624.2026
734.995.2547

Data Sheet Reference : 2380

WWW.QEDENV.COM

QED Environmental Systems Ltd.
Cyan Park, Unit 3 Jimmy Hill Way, Coventry CV2 4QP, UK

sales@qedenv.co.uk +44 (0) 333 800 0088