

EASY LEVEL™

(U.S. Patent Number 8,756,991)

High/Low Liquid Level Indicator

The Easy Level™ liquid level indicator provides quick and easy indication of excess liquid levels and level measurement in landfill gas wells, leachate risers, tanks, sumps, pits and wells.



The new Easy Level™ liquid level indicator makes it easy to see if the liquid level has exceeded the desired maximum.

The Easy Level™ liquid level indicator (U.S. Patent Number 8,756,991) is faster and easier than traditional liquid level measurement with portable tapes. If the liquid level rises above the chosen set point, the bright orange indicator will appear in the Easy Level's clear dome top. If there is a pump in the well, the high level indication signifies excess liquid inflow rates or that the pump may need service. For wells without pumps, a high level may indicate that a pump is needed to maintain the leachate levels below regulatory limits or improve gas collection efficiency.

Using portable liquid level tapes in landfill gas collection wells requires the wellhead to be opened, which allows air into the well and interrupts gas collection. Also, field crews using reel type meters are exposed to any gases that may be released, and to liquids that can coat the tape and probe. Unlike portable tapes that can be triggered by foam, the Easy Level will only indicate a high level when the liquid in the well has exceeded the predetermined level. The Easy Level can also be used with a hand-held analog gauge or digital display to allow easy measurement of the actual liquid level without opening a well or riser.

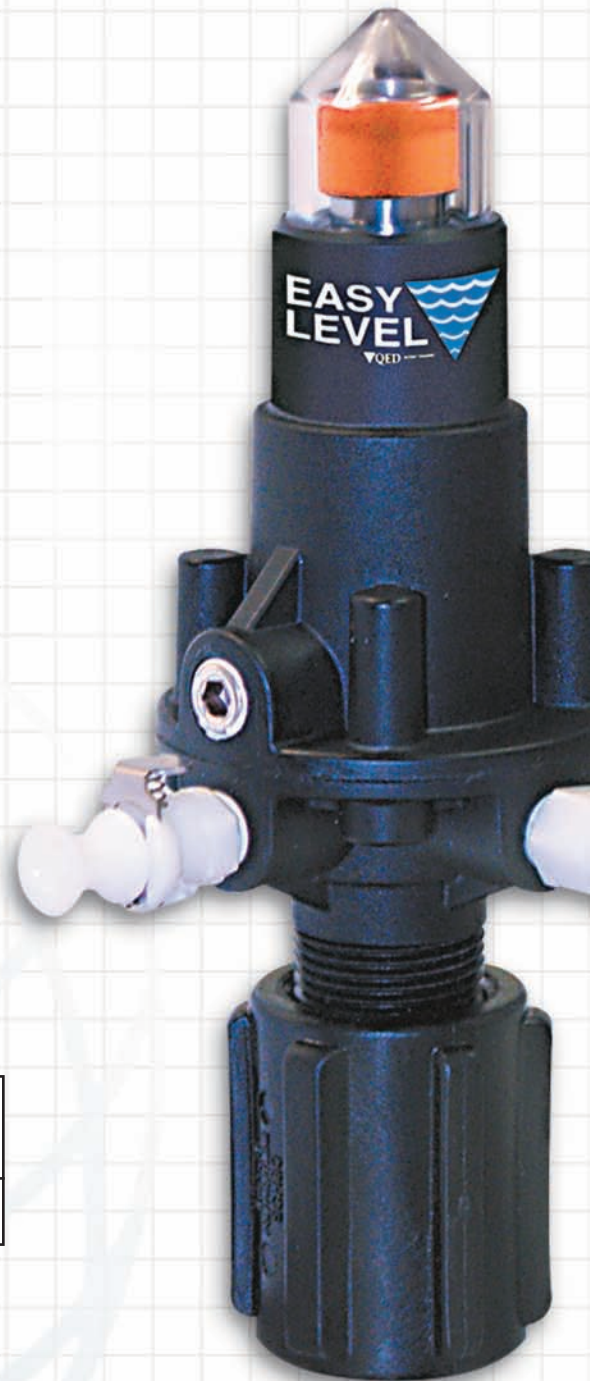
Ideal for tanks, pits, sumps, manholes and confined spaces for which level monitoring is difficult or hazardous.

Many tanks, sumps and pits are difficult or hazardous to access and monitor for liquid level. The new Easy Level system provides a clear visual warning if the liquid level rises above a selected trigger point or falls below it. The Easy Level indicator requires no battery or electric power supply, so it is safe and easy to install. All that is required is running a 1/4" tube from the probe to the indicator.

Specifications:

Maximum depth to liquid	Minimum liquid level above probe bottom needed to activate	Maximum downwell probe OD	Wellhead indicator dimensions	Tubing (Nylon*)
200 ft. (61 m)	16 in. (40.6 cm)	.875 in. (2.2 cm)	2.5 in. OD x 7 in. H (6.35 cm x 17.8 cm)	1/4 in. OD (0.64 cm)

*Other tubing materials may be available if desired based on chemical compatibility; please consult QED.



of High/Low Liquid Levels

selection, installation and support you can count on when you need it

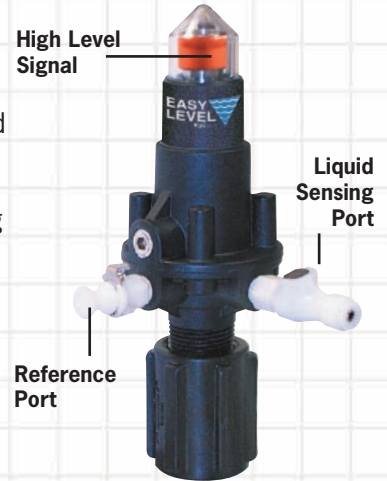
Easy Level Advantages

- Works without opening the wellhead or cap – no air gets in, no gases get out and no vacuum interruption
- No batteries, electric power supply or compressed air source required
- No false indication due to foam in the well or riser
- Internal reference port compensates for pressure or vacuum conditions over liquid
- Easy installation
- Indicator can be located up to 200 ft. from liquid probe

The Easy Level consists of three parts:

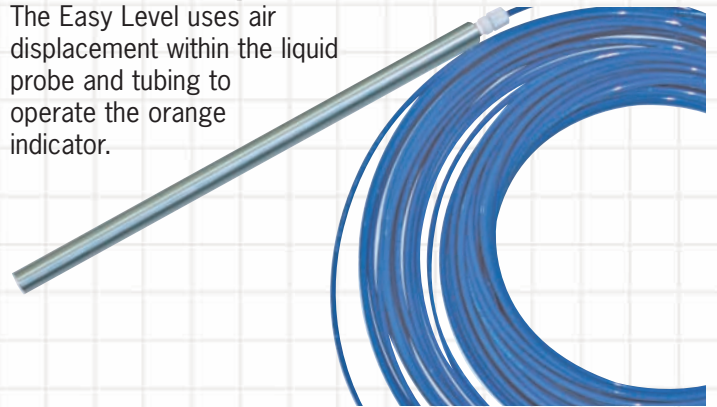
1. Indicator

The Indicator, located at the wellhead, shows orange when the liquid level has risen above the predetermined level. An internal bellows prevents any gas/condensate contact with the inner working of the indicator assembly. External reference and liquid sensing ports can be used with a level measurement system to read the liquid level above the probe.



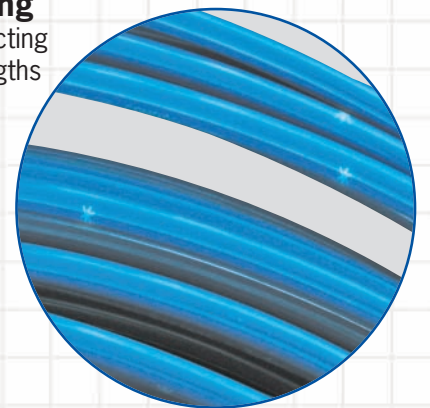
2. Downwell Liquid Probe

The Easy Level uses air displacement within the liquid probe and tubing to operate the orange indicator.



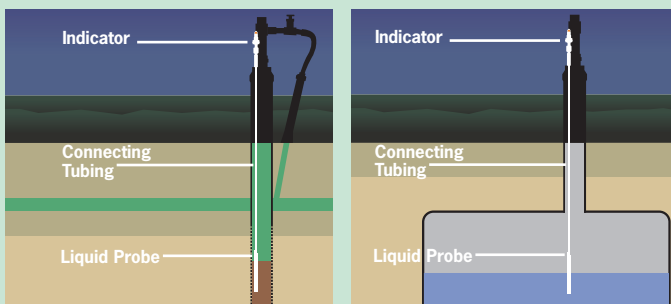
3. Connecting Tubing

You can order the Connecting Tubing cut to desired lengths for your application or in bulk supply reels. The blue nylon tubing is marked in 1-foot increments to make easy field adjustments of the depth of the Liquid Probe in the well.



Downwell tubing marked in 1-foot increments for easy measuring.

How It Works:



1. The Easy Level indicator at the wellhead is connected via a 1/4" OD tube to the probe located at the chosen trigger point. The internal reference port corrects for vacuum or pressure above the liquid surface.
2. When the liquid level rises above the downwell probe, it compresses the air in the connecting tubing and actuates the Easy Level indicator on the wellhead.

Products Designed for Easy Field Operation

QED utilizes over 30 years of experience in air-powered pumping to find ways to improve the value we offer our customers, including helping reduce the total cost of pump installation, service and ownership.



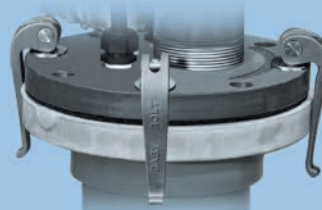
Easy Tubing with Easy Fitting™ Connectors

- Quickly disconnect and reconnect the tubing with Easy Fittings without any cutting or clamping.
- Our jacketed tubing is available cut-to-length and individually labeled, with Easy Fittings factory-installed.



Stabilizer™ Well Caps

QED's innovative Stabilizer™ Well Caps (US Patent number 9,068,421) include a unique support ring feature molded directly into the cap that aligns and stabilizes the LFG wellhead.



Easy Bolt™ Flange Clamp

Easy Bolts make flanges easy to access with no wrenches or tools.



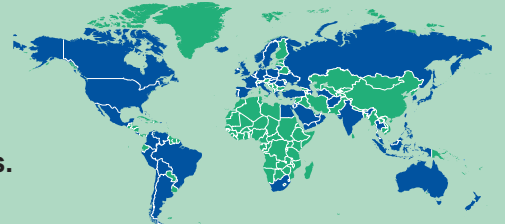
5-year Warranty

Expanded 5-year warranty on the AutoPump® (Patent Pending) AP4+ and AP4 Ultra for ease of mind.

Visit our website at www.qedenv.com for complete pump specifications and flow rates, or call us

800-624-2026

for prompt, expert assistance on your pumping project needs.



Every QED AutoPump® system is backed by QED's unequalled reputation and dedication to quality and service. QED leads the industry in customer service, from our worldwide sales representation and our large service staffs in both Dexter, Michigan and San Leandro, California, to our 24-hour, toll-free service hotline. Call or e-mail QED for prompt assistance with your unique project needs.

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