



# Kwikstart Levikos M7 Level Controller





# Kwikstart Levikos M7 Level Controller

## Level Indicator

Engineered to withstand harsh and diverse environments, the LEVIKOS M7 is purpose designed as a dedicated tank level management system.

Combining many years of experience in the hydraulic services, water storage and control industry, the LEVIKOS M7 incorporates a unique combination of features insuring total reliability, tank level indication and monitoring systems integration.

The LEVIKOS M7 is ideally suited for tank level monitoring in a wide range of applications including fire, sewage, effluent, storm water and potable water tank level monitoring.

LEVIKOS M7 is mounted on an internal door and built into a standard powder coated steel waterproof enclosure. (Custom made aluminium or stainless enclosures or full municipal control centres are available on request)

Configurable for a wide range of level input signals including float switches, level probe, ultrasonic and pressure transducer, the LEVIKOS M7 versatility covers a broad spectrum at commercial, industrial,



## Remote Monitor Ability

A range of monitor options are available with the KWIKSTART LEVIKOS M7 Plus system to allow monitoring to be tailored to your exact requirements.

- Multiple Monitor Conditions including critical and non-critical alarm
- Battery Back Up
- Power Available Monitor

BMS and Telemetry Options include:

- Land Line Capability
- GSM / Next G Capability
- SMS Text Message Capability
- Tamper Security Alarm

## System Features

- System status parameters and all faults displayed in user-friendly text on a 2 line back-lit display.
- Level transducer, probe or float switch inputs - adjustable probe sensitivity, suitable for a wide range of liquids.
- User friendly push button operation for alarm reset, audible alarm mute, level operation mode and program.
- PIN number protection of configuration menus. Personalised PIN programmable.
- All fault inputs low voltage for safety. Programmable for either normally open or normally closed contacts.
- Every controller can be given its own ID number - facilitates site identification and fault diagnostics
- Eprom logic allows future software upgrade.
- Pre-programmed default parameter settings for common applications to simplify set-up.
- Audible panel warning tone when in Manual of Program mode.

---

## System Features (cont)

- Optically isolated inputs and outputs.
- Plug in connection blocks.
- Three text fault menu displays - Current, Present and Previous Alarms, aiding accurate fault diagnostics.
- Audible alarm can be set for either manual mute or auto mute after adjustment time of up to 3600 seconds.
- All Level alarm - selectable latching or auto reset.
- LED display of level regulator activation.
- Level Sensor fault monitoring - over-rides faulty sensor plus activates alarm. Auto resets.
- ModBus RTU fault output with optional ModBus/IP.

- Compatible to web based monitor systems.
- Data logging of up to 240 level and alarm events.

---

## Benefits

- Precision accuracy
- Data Logging
- Remote Alarm Outputs
- Digital liquid level display
- Text fault displays
- Ultimate control flexibility

System Model	Enclosure			Accessory
	Size	Material	Internal Door	
Levikos M7S	400 x 400	Metal	Yes	Nil
Levikos M7P	380 x 380	Plastic	No	Nil
Levikos M7S-P10	400 x 400	Metal	Yes	1 x 10 sensor probe, 1.5m long with 10m cable and fixing bracket
Levikos M7D-P10D	400 x 700	Metal	Yes	1 x 10 sensor probe, 1.5m long with 10m cable and fixing bracket
Levikos M7D-U5	400 x 700	Metal	Yes	Ultra sonic sensor

---

## Enhanced Version - LEVIKOS M7 PLUS

The KWIKSTART LEVIKOS M7 PLUS Controller is available in an enhanced software version for municipal and building services installations requiring telemetry or remote monitoring capabilities, or where additional protection functions and accurate level monitoring have been specified. Called the LEVIKOS M7 PLUS, additional features include the following:

- Direct input from multi-sensor probe or 4-20mA signal from ultrasonic or pressure transducer.
- PLC telemetry communication output of all system and pump status data including faults and liquid level, via serial data stream.
- All faults can be individually prioritized for Critical or Non-critical telemetry outputs, allowing non-critical faults to be transmitted during business hours, with or without local audible and visual alarm indication.
- 10-point LED visual and text display of station liquid level in pit or tank. Level spannable to show depth in mm in Analogue mode.
- Remote control of up to 4 contacts for connection to accessories such as solenoid valves for remote



**Global Pumps** was founded in 1977 filling the need for a versatile and service orientated specialist pump supplier that could accurately assess each application and source the best possible solution without being limited to the range of any particular manufacturer.

Since that time, **Global Pumps** has expanded its facilities and services and is now firmly established as a key supplier of the whole range of pumping equipment used by industry, mining, government and municipal authorities, hydraulic and mechanical services, civil engineers and contractors.

**Global Pumps** have established a track record for fast and effective response to enquiries, reliable deliveries, competitive prices and an efficient after-sales service.

As part of **Global Pumps'** on-going commitment to our clients we offer the following:

**Facilities** – our facilities incorporate a large modern warehouse stocked with a very wide range of pumps, spares and accessories and a fully equipped service and fabrication workshop with gantry crane, including a dedicated pump test bay.

**Service** – a technical service division is supported by qualified personnel and fully equipped site service vehicles, having the capacity to handle complete turn-key projects including mechanical and electrical installations, total refurbishments, site repairs and maintenance programs.

**Quality** – a commitment to quality and customer satisfaction established over 35 years, culminated in successful accreditation of our quality assurance system to ISO9001:2008.

Available from

### Industrial Division

**Global Pumps** satisfies the rigorous demands of industry. **Global Pumps'** Industrial Division achieves this by:

**Importing** – direct sourcing from overseas of key product lines to service the process, mining, chemical water treatment and food industries.

**Distributing** – registered distributors and stockists of a vast array of Australian and imported product lines including exclusive agencies for South Australia of many key ranges.

**Manufacturing** – a specialised range of engineered packaged pumping systems and chemical treatment plants to suit specific requirements, carried out with the strictest quality controls and in-house testing.

### Environmental Division

In the late 1980s, **Global Pumps** established an Environmental Division in response to a growing awareness of health and environmental issues. This has overseen the development of a range of water and wastewater treatment packages and pollution control systems including packaged pumping stations, potable water treatment packages, oil-water separators, trade waste treatment plants, stormwater diversion equipment and chemical dosing systems. All of these systems are individually tailored using standardised designs to meet specific customer requirements and ensure compliance with relevant standards and statutory requirements.

### ForceTech Division

In 2012, Global Pumps established a division specialising in the supply of equipment for heavy duty pumping, mixing and spraying of concrete, grout, paste and a wide range of related abrasive cementitious and viscous slurries.

Our range includes concrete boom and trailer pumps, self-loading off-road concrete mixers, paste backfill pumps, mud and tailings dredge pumps, grout mixing and pumping plants, high pressure grout and dewatering pumps, plaster sprayers and screed transfer machines.

Forcetek also supply a range of high wear systems including ceramic-lined rubber hose, ceramic lined pipe and elastomeric spray-on coatings.