

The GECM Water Table Depression Pump Control Panel (WTDP) is an advanced, PLC-based pump controller specifically designed for managing groundwater remediation sites and landfill leachate pumping systems. It can be operated individually or networked for remote access and telemetry, providing a versatile and comprehensive solution for effective groundwater management.

FEATURES

- Flexible operation
- Weather-Proof Enclosure
- Multiple Sensor Input Compatibility
- Probe Status Display
- Self-Test Features
- Interface with External Devices
- Optional Multiple Pump Operation
- Optional SiteView User Portal

APPLICATIONS

- Groundwater remediation sites
- Environmental monitoring and research
- Landfill leachate management
- Industrial wastewater management
- Municipal water treatment facilities
- Any application requiring precise and reliable groundwater pump management



Technical Specifications

Main Enclosure	NEMA 4X (IP66)
Enclosure Material	Fiberglass reinforced plastic with Lexan window
External Height	18" (45.7 cm)
External Width	16" (40.7 cm)
External Depth	10" (25.4 cm)
Weight	15 to 45 lbs (6.8 to 20 kgs) depending on installed options
Inputs Included *Varies based on Hardware Purchased	<ul style="list-style-type: none"> *Float Probe for Well Level *Pressure Transducer for Well Level *Float Probe for Tank Level *Pressure Transducer for Tank Level Tank full Probe Auxiliary Input (Used to Halt Entire System) *Flow Rate and Flow Totalizer *VFD System Status (RS-485)
Additional Inputs (Available with Telemetry) *IS = Intrinsically Safe	<ul style="list-style-type: none"> Optional IS inputs for monitoring Optional IS 0-5 VDC analog inputs with 8-bit measurement resolution Optional IS 4-20 mA analog inputs with 10-bits measurement resolution Motor current sensor for monitoring Temperature sensor for monitoring Totalizer input for water flow measurement

CALL GEOTECH TODAY
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Site Requirements	
Door Clearance for full 180° door opening	20" (50.7 cm) wide x 30" (76.2 cm) high to the left of enclosure
Enclosure footprint for wall mounting	18.94" (48.11 cm) wide x 14" (35.56 cm) high
Modem	Cellular or standard 802.11 Ethernet (Optional)

Parts and Accessories

1*							Controls Single Pump	
2*							Controls Two Pumps	
3*							Controls Three Pumps	
Number of Pumps	Voltage and Phase(s)	VFD or Motor Starter	Well Level Control	Tank Level	Flow and Totalizer	Remote or Local	1	115V 1.5HP(5.8A)
							2	230V 1 ϕ ~3.0HP(10.5A)
							3	230V 3 ϕ ~7.5HP(24A)
							4	460V~15HP (24A)
	M						Motor Starter	
	V						VFD	
	F						Well Level Controlled with WTDP Float	
	T**						Well Level Controlled with Transducer (Sold Separately)	
	N						No Tank Level Monitoring (Still Supports Tank Full Probe)	
	F						Tank Level Monitored with Float	
	T**						Tank Level Monitored with Transducer	
	N						No Flow Rate Monitor nor Flow Totalizer	
	F***						Flow Rate Monitor and Flow Totalizer	
	R****						Control & Monitor Site Remotely via Cloud (Includes Local Controls)	
	L						Local Control and Monitoring Only	
	1*						2	M

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