QED™ C100XT CONTROLLER

MULTI-FUNCTION CONTROLLER



TAKE CONTROL OF LANDFILL LIQUID PUMPING COSTS

SIMPLIFY OPERATION
Bring multiple control functions together through an intuitive color touchscreen interface.

ADAPT TO YOUR APPLICATION
Configure timing, switch functions, sensor inputs and set points around site-specific pumping requirements.

CONTROL WITH CONFIDENCE
Monitor inputs and use high, low and differential set points to maintain greater control over pumping operation.

FLEXIBLE CONTROL. SIMPLIFIED.

Take control of landfill liquid pumping with a controller designed around your application.
The **C100XT** combines simple operation with flexible control options, allowing you to configure pumping around site-specific requirements without unnecessary complexity. Choose the functionality you need with configurable Basic and Advanced options, from timing cycles and switch controls to analog sensor inputs with high, low, and differential set points.

WHY OPERATORS CHOOSE THE C100XT

Adapt control to your site
Configure timing cycles, switch functions, sensor inputs and set points to suit specific pumping requirements.

Simplify day-to-day operation
Bring multiple control functions together in one controller instead of adding unnecessary complexity.

Respond to changing conditions
Use high, low and differential set-point control to manage operation based on sensor input.

Stay informed at the controller
The color touchscreen provides a clear interface for viewing controller information and settings.

Built for demanding locations
Intrinsically safe construction supports use in specified Class 1, Division 1 hazardous locations.



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C100XT



Simple, intuitive operation

A color touchscreen puts controller information and settings in one easy-to-use interface.

TECHNICAL SPECIFICATIONS

ENCLOSURE		PNEUMATIC VALVE CONTROL	
Weight	2.1 lbs (0.95 kg) Shipping: 3 lbs (1.4 kg)	Type	Dual Port (3-Way) Latching Solenoid with Stainless Steel Armature
Dimensions	4" W × 4" H × 3" D (10 cm × 10 cm × 8 cm)	Manifold	1/4-NPT Female Ports 316 Stainless Steel
Type Material	Gasket-Sealed NEMA Engineered Polycarbonate	Pressure	100 ±10 psi maximum
POWER		**I/O CONNECTIONS**	
Standard	Power Pack with Cable Intrinsically Safe Fully Encapsulated Explosion-Proof	Digital (4)	Switch Input: 0–30 VDC 15 kV static protection
Drain	20 mW average (30-day reserve)		
CHARGING		**COMMUNICATION OPTIONS**	
Solar	Shatterproof Solar Panel 3 Watt External	Serial Port	RS-232 / RS-485 38k baud (user-settable)
Other	Uses 2.5 mm power jack 4.5–18.0 VDC with 1.2 W maximum power dissipation	Wireless	Bluetooth 802.15.4 Approximate range: 1,000 ft
DISPLAY		**SAFETY**	
Type	3.5" Color Graphic Display Resistive Touchscreen Resolution: 320 × 480	Non-incendive Intrinsically safe for use in: • Class 1, Division 1 • Group C and Group D hazardous locations • Temperature Code: T4	
TEMPERATURE		**NOTES**	
Operating	-25°F to +140°F (-30°C to 60°C)	GDU: Graphic Display Unit All repairs performed by manufacturer.	

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

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