



KTronics

JOIN HANDS WITH OUR TECHNOLOGY

Introduction



KTRONICS is one of the leading Water Level Controller manufacturing companies in Chennai. The company has devoted itself to providing innovation of technology and management. They successfully developed various types of water level controllers which apply to a brand of pumps. Our quality is combined with the latest microcontroller based technology products to offer our customers international quality. Since its inception, the company has established a reputation for itself as a supplier of quality products



About Company

KTRONICS is one of the leading water controller manufacturing companies in Chennai. The journey started in the year 2010 with the resources such as Water, Energy, and Time. Our company aims to deliver High-Quality Products around India to our expert engineers are satisfying our customers with our services. So we produce a wireless water controller now in Chennai, India. Our controllers' technology is designed uniquely, and its usage will help for all places. For example, Individual to Industries.

The controller will indicate the level of water with the feature of time-based. Our manufacturing unit supply and product production are quality, quantity, user-friendly with a universal price. Agriculture, industries and factories, companies, apartments and households, hospitals will benefit from the technique and save time & Save water. Ktronics will provide the best controller solution for all types of water pumps. Our manufacturing plant is situated in Anna Nagar, Thiruporur, Chennai, and is specialized in producing the highest quality Water Level Controller.

Our Products

WIRELESS WATER LEVEL CONTROLLER WITH INDICATOR



Ktronics introduced the most advanced wireless technology using high frequency radio waves, which can transmit data up to 6000 meter. Most efficient codes and reliable instrumentation makes our controllers ultimate in this field. Our wireless controllers have concentrated power density and powerful anti-interference. We have used direct sequence spread spectrum technology can also bring further communication distance. It can work in low power and inbuilt power save mode, which can be applied in ultra-low power consumption applications. We are providing customer requirement based customized wireless controllers, which can offer cost effective and suits exact data transmission between transmitter and receiver. Normally, our model ranges from 1000 to 6000 meter data transmission.

Special Features

SPEED * STABILITY * RIGID * NOISE IMMUNITY

Features

- * Wireless Communication
- * Instantaneous level indication
- * Dry - Run protection
- * Inbuilt Voltage sensing
- * water flow indication
- * Timer based operation
- * timer by - pass option
- * Auto / Manual Operation
- * fill option
- * By - pass rocker switches

INTELLIGENCE FEATURES

- * Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * By Pass Switches
- * Fill Option

UTILIZATION

- * HOUSES
- * APPARTMENT
- * VILLA
- * COMMERCIAL
- * INDUSTRY

Technical Specifications

Input voltage	: 220VAC / 440vAC 50HZ
Realy current rating	: 30A
Power consumption	: 12W
Wireless frequency	: 433 / 868 MHZ
Maximum transmission distance	: 6000 m
Wireless peak current	:~130 mA
Mounting type	: Wall mountable
Dimension	: 173 x 168 x 53 mm

AUTOMATIC WATER LEVEL CONTROLLER WITH LEVEL INDICATOR



Ktronics are designed especially for water level control and level indication purposes. It is intended with ease of usage fit for all types of motors, simple and user friendly operations. The front of an LED light display for level indications and operational functions. Our controllers are designed with the most advanced microcontroller loaded with efficient programs. It uses less power for operations and provides more accurate performance. Alternative current-based sensors made with SS316, and fully automated action provides long life. It has many intelligence features like level indication, Auto/Manual mode operation, dry-run protection, voltage surge protection, voltage level indications and Fill options, etc. These details are discussed details in the coming pages

INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Dry- run protection
- * Voltage surge protection
- * Voltage level indications
- * Easy Installation
- * Rocker Switches

WATER LEVEL INDICATOR



Ktronics introduced a device to indicate water level in tank instantaneously. It alerts you by pleasant sound, when the tank water level is empty or full. So customers can operate water pump with respect to tank level. It is developed using advance technology with user friendly operation

INTELLIGENCE FEATURES

- * LED Front Display Shows Level Indication
- * Sensors Indication
- * Alerts with pleasant buzzer
- * Rocker Switches & LED Indication
- * Soft Touch Mute Button
- * Alternate current based sensing technology

SUMP TO BORE PUMP CONTROLLER

This model is specially designed to supply water to overhead tank from both Sump water and Bore water; one pump will be operated for a instance. Initially sump water pump is operated to supply water to overhead tank. If water in sump goes below the foot valve level, the sump motor switches OFF and activates the bore motor supplying water to the overhead tank. This unique mechanism ensures the sufficient water level in the overhead tank. This gives priority to the sump water-even if the bore water pump is running. If the sump water level reaches 50%, the bore water pump switches OFF and activates the sump motor to pump water to the over-head tank.



INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

DRY RUN TIMER



Conditions such as enough water is not available in any source water like bores, this model is operating water pump up to water flowing to overhead tank. When the water flow to overhead tank is stopped due to unavailability of water in the bore, the controller stops the pump and waits for a specified time and again switches ON the pump to supply water to overhead tank. This cycle shall be continued till the overhead tank becomes full. This provides easy operation of less water source pumps and saves time and frequent monitoring of tank levels.

By this way, it provides complete automatic operation of less water source locations. Dry run time and wait times are different; controller should wait for predefined dry run time, which is 120 seconds default. Once dry run condition enabled, pump shall be kept OFF for predefined waiting time, which is defined by customer.

INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

DOUBLE TANK CONTROLLER

This model is used to maintain water level in two water tanks. It will switch ON pump if any one of the tank water level becomes below its minimum level and switches OFF the pump if both tanks reach their maximum water levels. By this, it operates water pump fully automatic and maintains water level in both water tanks. It monitors both tank water flowing condition while pump is ON, by this way it provides Dry-run protection to pump. Two level indications for each tank, that is low level and High Level of the tank shall be indicated in the front display of the controller



INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

DOUBLE MOTOR CONTROLLER



This is a special model that operates two pumps simultaneously. It has two individual control relays to ON/OFF two pumps respectively. By this way it ensures the operation of two pumps with enough power rating. Whenever overhead tank reaches its minimum water level, it will switch ON both pumps and switch OFF both pumps if overhead tank level reaches its maximum level. It will Provide DRY – Run Protection to both pumps and hence pumps burnout is avoided

INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

DOUBLE MOTOR DOUBLE TANK CONTROLLER

This model is specially designed to control Two water tanks and Two water pumps. Conditions such as two water pumps should be operated to supply water to two overhead tanks. Whenever water in any one of overhead tank or both overhead tank become minimum water level, both pumps shall be switched ON and both pumps shall be switched OFF if the water level reaches its maximum level in both overhead tanks. By this way it makes fully automatic operation of both pumps and maintains enough water in both overhead tanks. Customized operations like timer based operation of pumps that is one pump shall be operated for specific period of time and it will be switched OFF and another pump shall be operated for specific period of time.



INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

DOUBLE MOTOR SEQUENTIAL TIMER



This model is suitable for conditions such as two water pumps shall be operated to supply water to overhead tank. But one motor shall be operated initially and another will be operated after deactivation of first pump. These two water pumps shall be operated based on predefined timers. First pump shall be operated for its predefined time and switched OFF once its time completes and second pump shall be operated for its predefined time. This cycle shall be continued till the overhead tank become full. These two pumps operational cycle shall be based on overhead tank water level. Pumps operation cycle shall be initiated when the overhead tank level becomes minimum level and pumps shall be switched OFF if the overhead tank level becomes its maximum level.

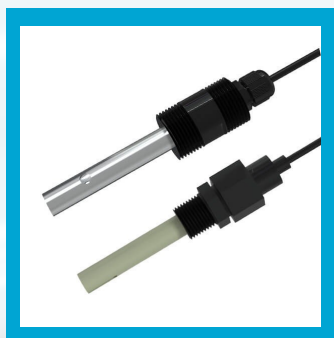
INTELLIGENCE FEATURES

- * Real Time Level indication
- * Auto / Manual mode operation
- * Easy LED Font Display
- * Voltage surge protection
- * Dry- run protection
- * Rocker Switches
- * Fully Automatic Operation
- * Easy Installation

Industrial Sectors



Water Conductivity Sensor



Industrial water ph sensor



Residual Chlorine Meter



Turbidity Sensor



ORP Sensor



COD Sensor



Ammonia Nitrogen Ion Sensor

KTronics launched its Products in the industrial sectors. We established our services in the manner of a customizable way with high-quality industrial sector products based on your business field.

WHY CHOOSE US?

- * It's our attention to reduce your time and save money and water.
- * So scheduling is the keen product of a wireless water level controller.
- * It stands out from the stress of consuming your time and money.
- * We are creative while maintaining all facilities in our product saves your budget, time and water.
- * We have found the best way to get results upfront for products.
- * Our company targets of marketing are customer satisfaction will always never comprise us with our products.
- * Only after fully understanding us and our products our customers do recommend a plan of services.
- * We bring our eclectic in designing with research and strategic planning to work for the company's new products.
- * Not only will our materials look great – they will get results.
- * Because Our Special products of "Wireless Water Level Controller" will be launched in India at the first time by Ktronics
- * It contains and is made with unique features.
- * Our prices are competitive and honest.
- * Any unforeseen or additional expenses must be pre-approved by our customers. Choose us, and you'll gain the best solution for saving water and time.
- * We are professionals who provide our services with accurate deadlines and are committed to exceeding client expectations.


10000
Happy Customers


15000
No. of Units Sold


25000
Dealers & Distribution


30
Branches across India

OUR CLIENTELE

PRESTIGE
Bella Vista
THE GOOD LIFE BEGINS HERE

BAASHYAAM
IMPROVING LIFESTYLES - ENHANCING LIVES



HOUSE OF
HIRANANDANI

RAMANIYAM
...dreams accommodated...

KG EYES™
REDEFINING COMFORT



NAVIN'S
The Home Makers Who Care

Apollo
HOSPITALS
TOUCHING LIVES

Fortis



DLF

CASAGRAN
building aspirations

CROWNE PLAZA®
HOTELS & RESORTS

ruby
Building Future

CEEBROS

DOSHI
DOSHI HOUSING

RADIANCE
REALTY

COMMANDER'S COURT
Luxury Homes FROM DLF

NORTH TOWN

M முருகன் இடலி
MURUGAN idli

Appaswamy
REAL ESTATES

CONTACT US



KTronics Automation Controller

JOIN HANDS WITH OUR TECHNOLOGY

Manufacturing Address:

13, Plot No.49, Ground Floor, 2nd Cross Street, Thirumalai Nagar,
Perungudi, Chennai – 600096

Corporate Address:

Kamaraj Avenue 1st St, Adyar, Chennai – 600020



info@ktronics.global



+91 9043876528



+91 9176190893



www.ktronics.global



Follow us on :





THANK YOU