

[www.instrumentumgoup.com](http://www.instrumentumgoup.com)

# INSTRUMENTUM GROUP

TOP-NOTCH INDUSTRIAL EQUIPMENT SUPPLIER

## Renewable Energy & Explosion proof light Solutions





## OVERVIEW

Instrumentum Group was established in 2014 by experienced engineers and experienced sales teams with various industries background that includes process instrumentation & Control, valves, pipe & fittings, warehouse solutions, renewable energy, medical devices, commodities and supplies chain management. We aimed to maintain long-term commercial relationships with our customers, who value our reputation and market knowledge. Integrity is the first and foremost criteria that form the basis of our business at Instrumentum. We have a strong commitment to meet our customer needs and application while promoting business practices that respect our employees, our customers, our suppliers and the environment.

Instrumentum group is capable of delivering wide range of solutions for our customers under one window. We work with the best niche manufacturer's to provide quality products with economical prices and expedited delivery, by which customer can fulfill their requirement on time. We are prepared to assist customer in every inquiry whether it's for single equipment or a large project that requires multiple services. Not only we can provide equipment, but also we have the capability to provide the technical consultation on selecting the right equipment and efficient design.

## Best Quality Service...

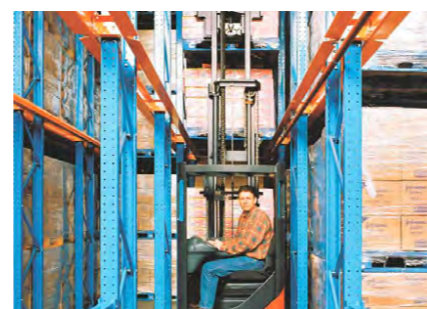
Our professional team is enthusiastic to provide the highest quality of services in this very competitive industry. We maintain high international standards to fulfil the requirement of all our customer needs around the globe. Our main objective is to utilize our sales, technical & sourcing experts to select and source the customer's requirement from our principals or manufacturer to fulfill their application with quality products at economical prices on defined lead time.



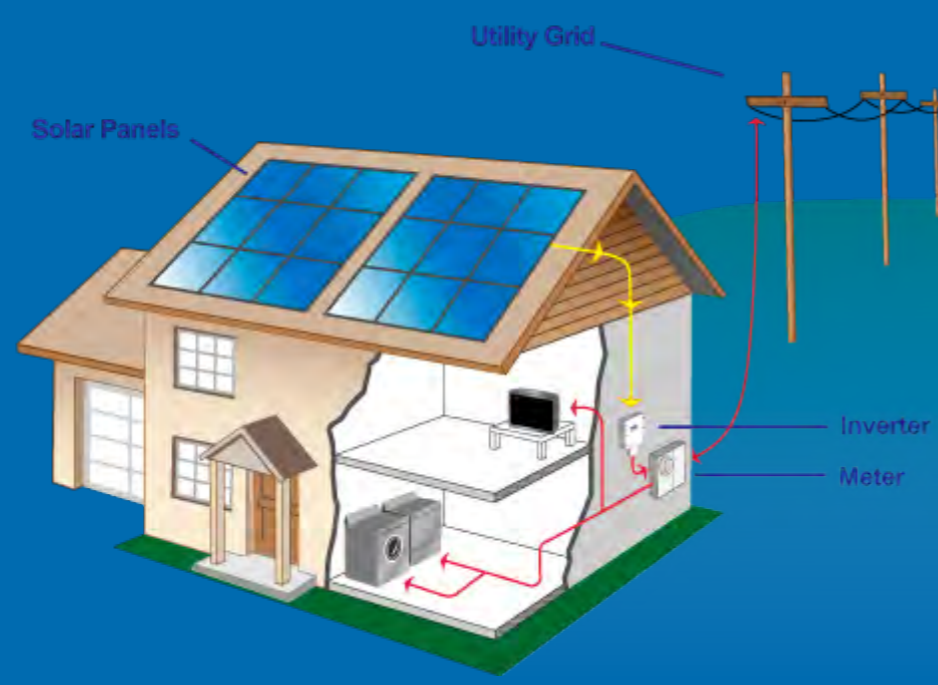
### Highlights of our Services

Process Measuring/Control/Calibration  
Instruments Valves, Actuators, Pipe & Fittings Design control and measuring process loop Design total logistic solution system Warehouse Racking and MHE's

Renewable Energy & Explosive LED Medical Devices Build & Design Customized Process Equipment Marketing & Display Product.



Grid-Tied Solar System is the most efficient and cost saving system that does not require battery back-ups and connectd directly to the utility grid in case of power failure.



## SOLAR ENERGY

Did you know the Solar panels are capable of generating more electricity than its required to light up a home or run appliances?

The grid tied solar system lets home and business owners to take the excess electricity generated back to the utility grid and sell it to the utility companies at the same rate as they sell it themselves.

Intrumentum group is capable of providing you with all the necessary equipment for Grid-tied system connected to the utility grid, or Off-Grid system that requires batteries for storing energy for later use. We specialize in feasibility studies to ensure the efficient design for residential, commercial and industrial with the best selection of suitable equipment.

### Equipment for Grid-Tied Solar Systems (Connected to Utility Grid)

- Solar PV Panels or Arrays
- Grid-Tie Inverter or Micro Inverters
- Isolation Switches
- AC Circuit Breaker Box
- Power Meter



### Equipment for Off-Grid Solar Systems (Standalone Sytem)

- Solar PV Panels
- Charge Regulator
- Battery Bank
- DC Disconnect Switch
- Off-Grid Inverter
- Backup Generator



### SOLAR WATER PUMP



### SOLAR WATER HEATER



### OTHER PRODUCTS

- Garden light
- Street Lights
- Home Light System
- Mobile Charger
- Radio
- Reading Lamps
- Motion Sensor Light
- Laptop Bags





LEDs are the preferred lighting solution of both professionals and residential users.

Commonly used in the following industries:

Aerospace, Architectural lighting, Automotive, Aviation, broadcasting, electronic instrumentation, entertainment and gaming, industrial automation and controls, the military, traffic and safety & transportation.

## LED TECHNOLOGY

### Benefits of LED Light Technology

LED (Light Emitting Diodes) are the most exciting invention in the lighting industry. They consist of small solid light bulbs which are exceptionally energy efficient with extended life.

Longer Life Span

LED lights have longer life span of up to 60,000 hours as compared to 1,500 hours of incandescent bulbs.

Efficiency

LED Lights typically uses 25-80% less energy as compare to a typical incandescent bulb as a result LED saves running cost.

Durability

LEDs are able to withstand shock, vibration and extreme temperature.

Safety

LED lights generate virtually no heat and reduce the potential for safety risks such as burns and fires.

Environment

LEDs are made from non-toxic materials, which can be recycled and considered 'green' or Earth-Friendly.

## PRODUCTS

LIGHT BULB

TUBE LIGHT

SPOT LIGHT

STRIP

DOWN LIGHTS

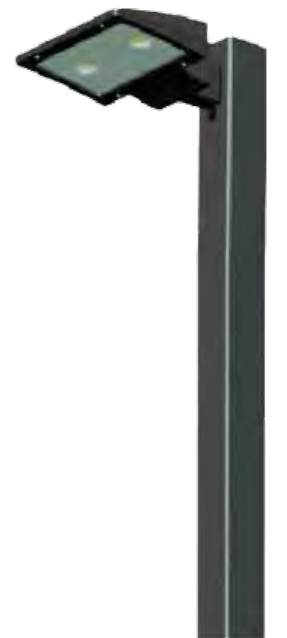
BAY LIGHTS

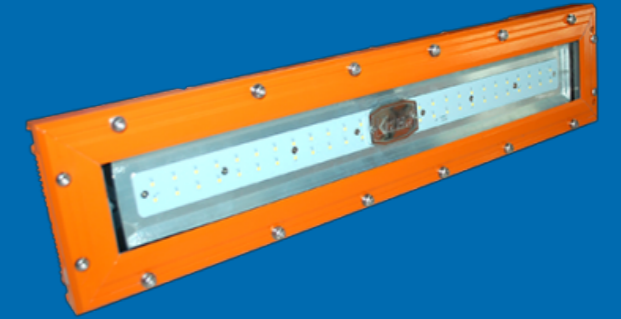
PANEL LIGHT

ELECTRICAL MODULES

COB SPOT LIGHTS

FLOOD LIGHTS





# LED EXPLOSION PROOF LIGHTING

Instrumentum Group can supply the explosion proof lights for the hazardous environment areas where a potential for explosion and/or fires exists due to flammable gases and vapors in the air, enhancing the strength of housing, offering failsafe design resistant to the open fire, spark, electric arc, hot surface, ensuring the safety and the property.

## Products

- LED Explosion Proof Emergency EXIT Light
- Explosion Proof LED Highbay Light
- LED Explosion Proof Signal Light
- LED Explosion Proof Aviation Obstruction Light
- Explosion Proof LED Floodlight



Polaris Series



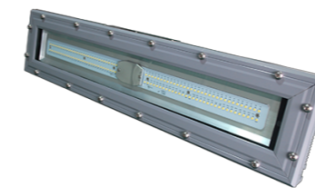
Firefly Series



Mickey Mouse Series

## Researching Explosion Proof Lights

Our manufacturer focus on researching explosion proof lights in the hazardous environment areas where a potential for explosion and/or fires exists due to flammable gases and vapors in the air, enhancing the strength of housing, offering failsafe design resistant to the open fire, spark, electric arc, hot surface, ensuring the safety and the property.



Swordfish



Sea Anemone



Sea Anemone



Frog



Brownbear



Jellyfish



## Contact Information

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