



IPL group

INFRASTRUCTURE SOLUTIONS

Water Networks & Pipeline Products
Road Products & Street Furniture
Instrumentation, Automation & Control
Commissioning & Technical Services

www.iplgroup.com

Instrumentation, Automation & Control

1975 - 2015
40 YEARS'
EXPERIENCE
YOU CAN RELY ON



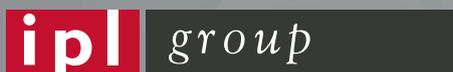
IPL group | Instrumentation, Automation & Control

IPL group provides a range of advanced instrumentation, automation and control technologies to all industry sectors. Our trusted experience, dedicated team of engineers and world-class products have made us Ireland's leading single-source for process solutions that optimise network productivity, efficiency and control.

In municipal, industrial and commercial sectors, IPL group's instrumentation, automation and control solutions ensure consistent product quality, plant safety and environmental protection. We deliver asset protection and achieve operational aims that reduce maintenance costs, service calls and equipment down-time. Working closely with our customers, we protect their core business and improve management control.

To ensure your continued success and sustainable infrastructure design, we make it our job to understand your operational processes, critical issues and future development plans in order to identify and implement integrated solutions of real value.

IPL group gets the best process, measurement and control instruments working for you.



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SIEMENS

FLOW, LEVEL, PRESSURE & TEMPERATURE CONTROL

IPL group and Siemens offer a complete range of advanced instrumentation, automation and control technologies to optimise network productivity, efficiency and control. IPL group also provides comprehensive technical assistance, commissioning and service agreements.

FLOW INSTRUMENTATION

Siemens' range of Coriolis, Ultrasonic, Vortex and Mechanical flow meters suitable for measuring a variety of liquids.

ELECTROMAGNETIC FLOW METERS



CORIOLIS MASS FLOW METERS



ULTRASONIC FLOW METERS

Quickly and easily clamped-on the outside of the pipe. High accuracy wide beam technology. Available in a wide range of sizes.

LEVEL MEASUREMENT

Range of ultrasonic and radar level technologies. Point level detection methods include capacitance, tuning fork, rotary paddle and tilt switches.

ULTRASONIC LEVEL

Ultrasonic level technology with different level ranges and controllers for repeatable, fast and reliable measurement.



PROBE LU

Two wire loop-powered ultrasonic for level, volume and flow monitoring.



LU probe

HYDRORANGER 200

Level and flow Controller for up to six pumps.



LUT 400

LUT400

Volume and pump controller with 1mm accuracy, suitable for open channel flow monitoring. Compatible with Echomax transducers. Local user interface and logging functionality.



LR 560

LPS

LVL



LR 400

LR Probe

RADAR LEVEL

SITRANS LR560 easy to use solids radar transmitter. Operates at a frequency of 78 GHz and features a 4-degree narrow beam short wavelength that performs reliably on solids material from practically any installation location.



3400

1400



HYDROSTATIC BOREHOLE TRANSMITTERS

Highly accurate submersible level transmitters suitable for rough environments, heavily polluted water and aggressive liquids.

PRESSURE MEASUREMENT

IPL group offers a range of pressure instruments for measuring gauge, differential and absolute pressure.



P 200
Ceramic diaphragm, 4-20mA, G1/2" connection in a variety of ranges.

P DSIII

Rugged digital transmitters with internal diagnostics, HART and convenient key operation. Range 1mbar to 700bar. Suitable for harsh applications, ATEX approval conditions and a variety of connection methods.

PH MEASUREMENT



CHLORINE ANALYSIS

K400 MULTI
Kuntze krypton chlorine analyser suitable for dosing control and features low maintenance costs with outstanding measurement performance, PH compensation and temperature measurement.



COLOUR, UV (DOC), TURBIDITY MEASUREMENT

IPL group and technology partner Sigrist provide high-quality process instruments for the continuous monitoring of key water parameters. IPL group also provides comprehensive technical assistance, commissioning and service agreements.

MULTI-PARAMETER MEASURING SYSTEM

One integrated central control unit with unrestricted combination of water quality parameters.

IN-LINE TURBIDITY MEASUREMENT

AQUASCAT (WTM)
In-line turbidity measurement for water treatment. Extremely low maintenance. Free fall flow cell with high resolution. Fully automatic recalibration with secondary standard.

UV AND COLOUR MEASUREMENT

COLORPLUS
Colour (Hazen) measurement and DOC (UV absorption) measurement. Fast and simple verification with control unit. Low maintenance and easy to clean flow cell.



DATA LOGGING

Data logging solutions from standalone battery-powered loggers to fully integrated SCADA systems. Flow, level and pressure control solutions for process water in various industries.



DATA ANALYSIS & CONTROL

Cloud-based data analysis software offers enhanced site visibility and remote collection, configuration and management of data from Technolog range of GSM data loggers, meter readers and advanced pressure controllers.





WATER/WASTEWATER AND CHEMICAL INDUSTRY

IPL group offers a comprehensive range of instrumentation to the water, wastewater and industrial water sectors. Precise and reliable information on flow, pressure and level measurement delivers real value in terms of dependable product quality and safety and environmental protection, and is also critical for asset management and process efficiency. The equipment on offer includes Siemens electromagnetic flow meters, Milltronics ultrasonic level instruments, Siemens pressure transmitters, Technolog telemetry equipment and various liquid analytics equipment.



MINING, QUARRY AND CEMENT INDUSTRY

IPL group offers specialised expertise and equipment for this industry. Our level measurement technologies accurately measure distance, level, volume, interface and mass. Designed to suit all industry types, including the most demanding applications, this equipment is vital for effective plant management, efficiency, safety and product quality. The Siemens Milltronics program includes conveyor weighting systems and solutions, dry solids flow meters for grains, plastics, cement and pulverized coal. Non-contacting ultrasonic level instrumentation has long been established in this industry and the Siemens radar offering is one of the most accurate, reliable and cost-effective solutions available.



FOOD, DAIRY, BEVERAGE AND PHARMACEUTICAL INDUSTRY

IPL group offers metering solutions that include electromagnetic volume flow, mass flow by Coriolis or thermal principles and volume flow by vortex or ultrasonics. Built on an array of technologies and reliable measuring principles, they suit different applications and fluids, such as water, natural gas, steam, mineral oil, chemicals, pastes and liquids with low viscosity. The stainless steel Siemens Mag 1100 food electromagnetic flow meter is supplied with hygienic connections, as is the Sitrans Coriolis Massflo flow meter for concentrations and density measurement. Also available are capacitance, ultrasonic and radar level measurement instruments designed specifically for this industry, and pressure and temperature transmitters with special connections for sanitary applications.



POWER, LANDFILL AND BIOGAS INDUSTRY

IPL group is the authorised Siemens technology partner in Ireland with continuous and point level detection solutions that include radar, ultrasonic, capacitance, tuning fork, rotary paddle and tilt switches suitable for liquids, pastes, bulk solids or liquefied gases. IPL group engineers and service technicians support clients from the planning phase to commissioning and maintenance on all measurement and control equipment. We offer a full suite of gas detection equipment, with commissioning, calibration services and yearly maintenance contracts available. Our liquid analytics range can cater for cooling lines within power plants and ultra-pure water processes.

IPL group

quality products | excellent service | responsible company

IPL group designs, manufactures and provides an extensive range of infrastructural products and services. High-quality innovative products, creative engineered solutions, excellent customer service and socially responsible business practices define this leading Irish company since its establishment in 1975.

As a company we are committed to the principles of sustainable development throughout all IPL group operations and conduct our business with honesty and integrity at all times. Through the implementation of our core policies, IPL group personnel, customers and partners have the assurance that we meet and exceed legal compliance and deliver best practice. The company maintains and operates an integrated Quality, Safety and Environmental management system that is internationally accredited to ISO 9001, OHSAS 18001 and ISO 14001.

Since 1975, IPL group has been at the forefront of quality infrastructure design, working with our customers on their specific requirements and providing integrated solutions. Whether we are creating intelligent post foundation systems, solving water network control issues or providing industrial process instrumentation, calibration and technical services, we bring 40 years' experience that you can rely on.

Today, IPL group uniquely combines global expertise and local understanding. We aim to build on our past strengths and further develop our professional scope and technical ability; to continually exceed customer expectations and always supply the very best infrastructure solutions, services and quality products. At all times we welcome the opportunity to discuss your project requirements and our dedicated team of experienced personnel look forward to working with you.

www.iplgroup.com



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