

INTELLIGENT PUMP CONTROL SYSTEM (IPCS)

Ketek's Intelligent Pump Control System is designed and manufactured for reliable well-water flow control. It integrates with other water systems' components such as those for the management and treatment of produced water.



The IPCS modular design integrates Ketek's structural, mechanical, electrical and instrumentation engineering capabilities,* featuring:

- Precise well-water level with water flow rate or volume controls
- Datalogging capabilities available for operation history and compliance with approvals
- Standardized for proven reliability and rapid delivery
- Customizable to suit client requirements



**RELIABLE OPERATION
WITH LONG SERVICE
LIFE AND MINIMUM
MAINTENANCE**



**SUITABLE FOR
MULTIPLE WATER
SERVICES, INCLUDING
SOUR WATER**



**MAXIMIZE WATER
PRODUCTION AND MINIMIZE
ENERGY CONSUMPTION**



**OPERATIONAL DATA
PRESENTED IN
REAL TIME**

*Engineered to CSA certification under ISO 9001 quality systems with 24/7 technical support



Intelligent Pump Control System (IPCS)



Seamless integration with various operational systems

- Proven systems for well pump control at major oilsands producers
- Plug-and-play design for ease of operation
- Variable Frequency Drive (VFD)
- Integration with other systems such as mine-compliant power systems
- Winterized for cold-weather operation



Flood light illuminates operating area

Sample port



Touchscreen PLC for control and display of operating parameters such as level, flow and/or pressure

Pressure switch

Victaulic piping



Beacon light indicates operating status

Stainless steel NEMA 4X enclosures for all-weather operation

* Standard IPCS shown



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Optional Features

- Can operate with sour-water abatement technologies
- System works with range of pump motor power
- Optional pressure transducer and stainless steel welded piping
- Uploading data in real-time to cloud-based servers
- Rental units available

Dimensions

- L 2.3 m (7' 6")
- H 2.1 m (6' 11")
- W 1.2 m (4')
- 1,084 kg (2,390 lbs)

Easily moved by forklift and transported by flatdeck