



TEXSTEAM™

Chemical Injection Pump



Today, over-injecting and incurring wasted chemical costs are the norm. They shouldn't be.

Cheap and imprecise chemical injection pumps, operating in ever-changing conditions, leads to unpredictable injection rates. Now, chemicals represent one of the highest operating expenses in a well site. As a result, the average 20% rate of over-injection is costing operators thousands of dollars a year, for each injection point!

STOP over-injecting.

STOP wasting costly chemicals.

START delivering controlled intelligence, today.



Controlled Intelligence In Chemical Injection

The TEXSTEAM™ Intelligent Chemical Injection Pump (iCIP) harnesses “controlled intelligence” to navigate, control and optimize changing process conditions. Fluctuating pressure, voltage, current, temperature and flow rate are conditions that affect the overall production of the well site. The iCIP recognizes and diagnoses these changing conditions and makes the proper adjustments to deliver optimal consistency and accuracy in dynamic environments — saving the operator thousands in chemical costs and reducing man hours.

Slash Methanol Injection Costs

The temperature control option is standard in all TEXSTEAM™ chemical injection systems. This feature saves money by only injecting methanol when you need it. The operator can simply set the desired temperature to begin injecting, and the system will automatically begin operation when the ambient temperature reaches the desired set point. Additional temperature zones can be created to further optimize the system. Example: $50^{\circ} - 75^{\circ} = 5 \text{ GPD}$, $40^{\circ} - 50^{\circ} = 6 \text{ GPD}$, under $40^{\circ} = 7 \text{ GPD}$.

Reduce Maintenance Costs

The TEXSTEAM™ iCIP solar-powered pump, when properly equipped, has the ability to pump almost 800 quarts per day, 44% more volume per head than other standard systems. The iCIP pump does the work of two to three lower volume pumps, thereby reducing the cost of ownership. With only one pump running, maintenance expenses are reduced.

TEXSTEAM™ Intelligent Chemical Injection Pump (iCIP) eliminates the guesswork in chemical injection. With precise, consistent, intelligent chemical injection delivery, operators can finally stop over-injecting and start saving money.



TEXSTEAM™ Green.

***A sign of Quality, Durability, and
Peace of Mind for over 80 years.***



Remote Monitoring and Control

The TEXSTEAM™ iCIP solar pump offers integrated communications and data logging capabilities. This, combined with optional I/Os, provides remote monitoring capabilities. This includes communication through Modbus RS485/RS232 signals. The programmable settings can be set and adjusted on the easy to use controller, on a laptop through the TEXSTEAM™ User Terminal, or remotely through SCADA. Scheduling, Logging and Alarms are industry-leading features that bring sophistication to chemical injection.

H₂S Control Optimization Saves Money

Inaccurate chemical delivery for H₂S control can cost thousands. Over injecting H₂S scavengers can also result in thousands of avoidable expenses.

TEXSTEAM™ iCIP communicates with your installed H₂S meter, sensor or analyzer device, and automatically adjusts the scavenger flow rate with PPM changes.

The continuous injection of the TEXSTEAM™ iCIP creates the best possible conditions to properly atomize the scavenger, resulting in greater treatment of H₂S.

Intelligent Voltage Sensitivity

All solar-powered chemical injection systems are subject to higher voltage during the day, and lower voltage at night. Weather conditions such as clouds, snow and dust also impact solar-powered voltage fluctuations, which can result in injection rate errors of up to 30%. In extreme cases, these conditions cause the injection pump to completely shut down at night, resuming only when the sun reappears.

TEXSTEAM™ iCIP patented rate delivery operates independently of voltage changes, maximizing efficiency. The intelligent design of the iCIP ensures consistent chemical injection rates, providing an even dispersion of chemicals regardless of the time of day or weather conditions.



Continuing A Legacy

The more things change, the more they stay the same...

Since 1938, TEXSTEAM™ has been delivering quality chemical injection solutions to the oil and gas industry. Today, the TEXSTEAM™ name is synonymous world-wide with quality and durability.



Industrial Products Group
TEXSTEAM™ Pumps
16240 Port Northwest Drive
Houston, TX 77041
T: 832-590-2306
Toll Free: 1-800-945-9898
F: 713-849-2879

The Dresser Logo and all Trademarks containing the term "Dresser" are the property of Dresser, LLC, a subsidiary of Baker Hughes, a GE Company.



www.dresserngs.com

TEXSTEAM™ Solar Pump Data Sheet NGS.IPG.0051
09.19