

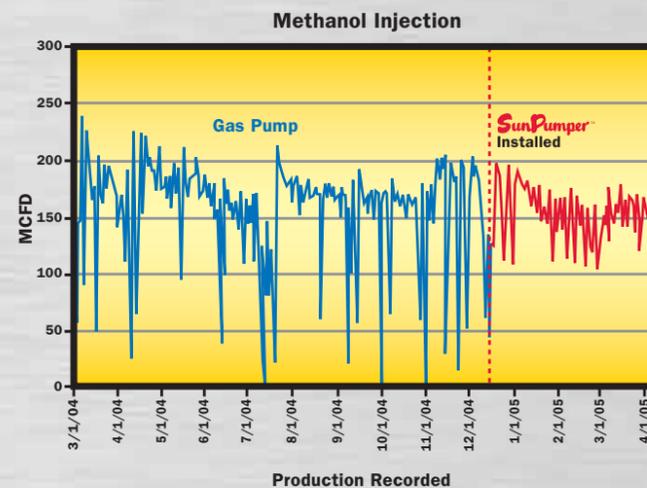
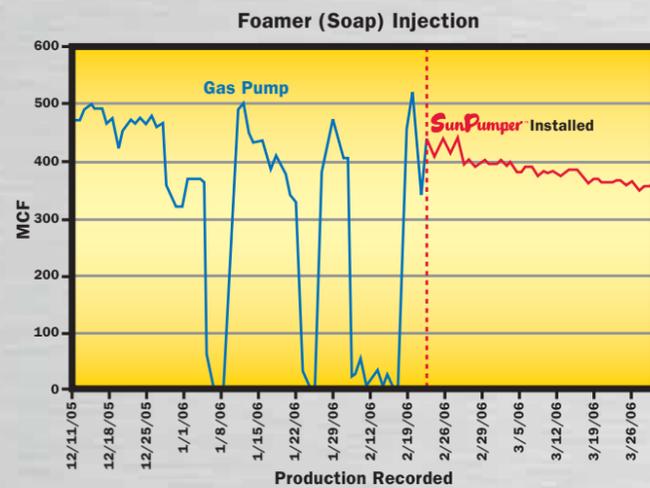


SunPumper™

Solar Powered Chemical Injection Pumps

Gas Pumps vs. SunPumper™

SunPumper™ Proves to be the Best.



Our SunPumper™ Systems are solar sized for your specific requirements and applications.

Call us today and provide us with:

- Amount of chemical to be injected per day
- Injection pressure
- Geographic location where system will be installed

Solar Injection Systems, Inc.

P.O. Box 7805
 Midland, TX 79708 USA
 Phone: 432-570-8144
 Fax: 432-570-8153
 Email: mikef@sunpumper.com

For complete information, visit:
www.sunpumper.com



The Industry Leader for Dependable, Reliable Solar Powered Chemical Injection Pumps.

Established in 1992, Solar Injection Systems, Inc. is committed to providing the most **dependable**, **reliable** and **affordable** solar powered chemical injection pumps available anywhere in the world.

- Over 50,000 installations in operation worldwide.
- System requires no gas, air or electrical power source (*electrical systems are available*).
- Eliminates stalling problems associated with wet gas – no regulator problems – no freeze-up problems in winter.
- Systems are shipped pre-wired and pre-assembled for quick field installation.
- Explosion proof models available.
- Technology is recognized by the US Government EPA-Natural Gas Star Program as an emission friendly alternative to gas operated pumps.
- Field Proven Results



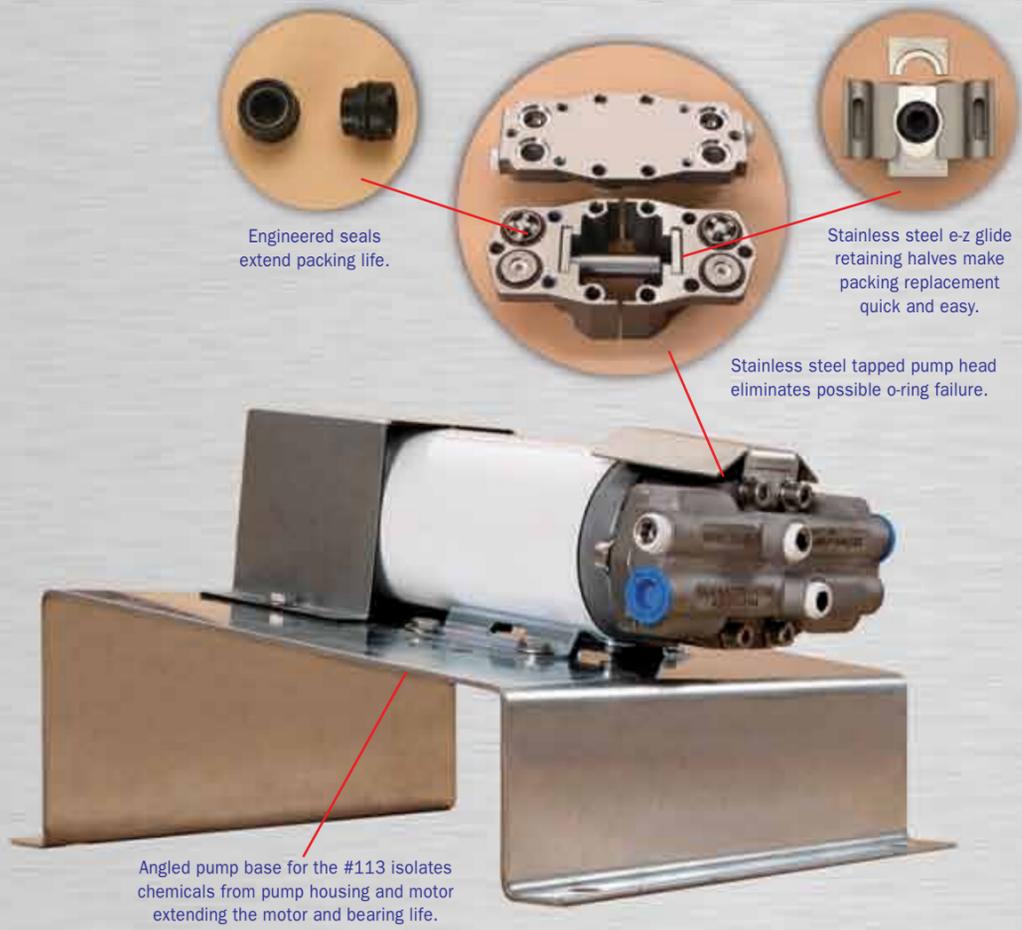
SunPumper™ Complete Tank Systems



"More than just a tank...Logistic services for large chemical programs."

We offer chemical storage tanks and stands, complete with full valve assembly hook-up and site glass. This added value service provides much more than a chemical tank. It delivers logistical support for large volume chemical programs such as methanol injection and foamer(soap) injection done on multiple wells. With this service, we remove the logistical headaches that go with large scale chemical programs and in turn offer – **One vendor, a single point of contact solution.**

SunPumper™ Model #113



#113 Aluminum Pump equipped with: 316 SS check valves w/graphite impregnated Teflon seals. Tungsten carbide piston w/ss shuttle bar/bearing. Manifold and pump bodies are aluminum w/hard anodized coating.



#113 Explosion Proof Motor shown with aluminum pump head and standard cable connection. Also available in 316 Stainless Steel pump head.



#113 Explosion Proof Motor shown aluminum pump head and CLX Class I, Div II rated explosion proof cable. Also available in 316 Stainless Steel pump head.

The SunPumper™ Model #113 is a simple, reliable and affordable pump system that is operated in a wide variety of conditions and services.
Example: Foamer(soap) injection, methanol injection and corrosion inhibitor injection.

Model #113 Pump Specifications with Standard Motor

Plunger Diameter	Max. Output (GPD)	Max. Injection Pressure (PSIG)
3/8"	100	1200

Model #113 Pump Specifications with Explosion Proof Motor

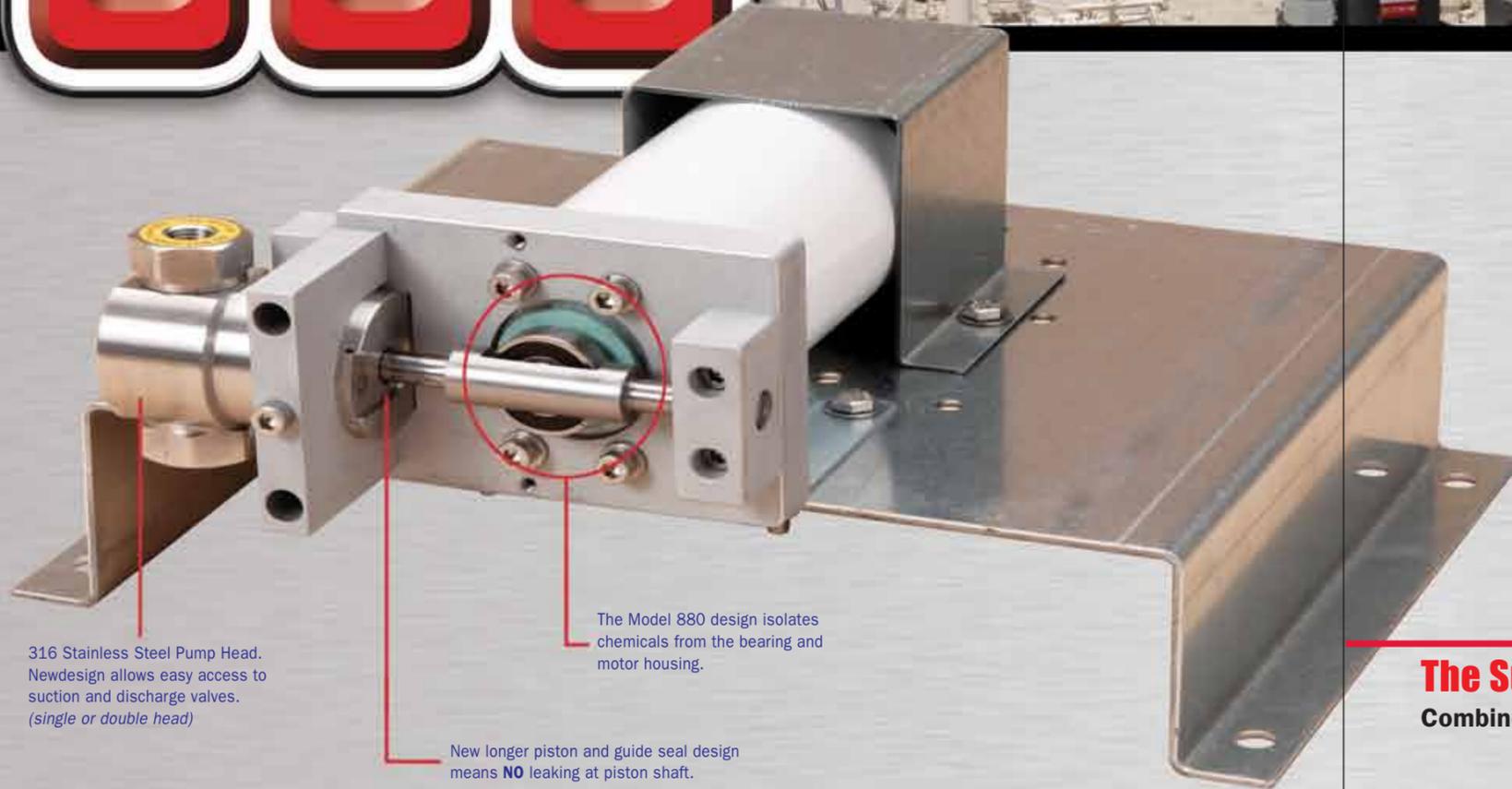
Plunger Diameter	Max. Output (GPD)	Max. Injection Pressure (PSIG)
3/8"	100	3000

Equipped with 316 SS check valves w/graphite impregnated Teflon seals, Tungsten carbide piston w/ss shuttle bar/bearing. Manifold and pump bodies are all 316 Stainless Steel.



Generation 880

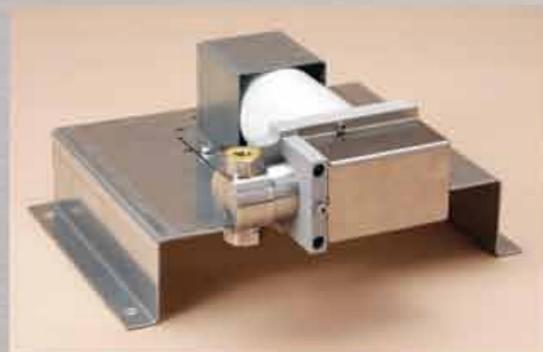
Over 3500 Model #880 in Operation Since July 2010



316 Stainless Steel Pump Head. New design allows easy access to suction and discharge valves. (single or double head)

The Model 880 design isolates chemicals from the bearing and motor housing.

New longer piston and guide seal design means **NO** leaking at piston shaft.



Plunger Diameter	Max. Output (GPD)	Max. Injection Pressure (PSIG)
3/8"	100	1200

Model #880 Pump Specifications with Standard Motor



Plunger Diameter	Max. Output (GPD)	Max. Injection Pressure (PSIG)
3/8"	100	3000

Model #880 Pump Specifications with Explosion Proof Motor

For 880 days, the newest generation SunPumper™ Model 880 was put to the ultimate test. Units were placed in the field in July 2007 on customers' locations. They have performed flawlessly for over 4 years in harsh environments, pumping harsh corrosion inhibitors and foamers and required no maintenance.

Over 3500 880's have been put in operation since July 2010 and are operating perfectly.

What does this mean? The SunPumper™ Model 880 is the most Dependable, Reliable Solar Powered Chemical Injection Pump ever designed. And no matter how extreme the operating conditions, the SunPumper™ Model 880 can be counted on for peak performance – no matter how remote the location.

The first Model #880 pump



Installed in 2007 on a Chesapeake well near Cleburne, Texas, has required no maintenance for over 4 years!

The SunPumper™ Digital Timer

Combined with the 880 delivers ultimate savings, efficiency and simplicity.

Rate setting made simple as 1, 2, 3, - with the SunPumper™ e-z set digital timer.

- 1) Increase or decrease ON Time
- 2) 15 seconds later pump runs to check rate
- 3) If OK, OFF Time sets Automatically!

Features:

- Can easily replace dipswitch timers in the field
- Tested to hold up to moisture and low or high temperatures
- Sealed switches
- Priming/Test button for quick priming and rate check
- Bright easy-to-read LED display
- Choose from 1 to 9 injection cycles per minute

Increase (+) or decrease (-) ON Time with the push of a button.

Check rate or prime pump with push of one button.

Interchangeable with original dipswitch timer.



Select between multiple injection cycles(1-9). OFF Time sets automatically.