TXAM Pumps Multipoint Injection System

The Future of Chemical Injection Made Easy

Enter your desired injection rates in Quarts or Gallons Per DAY and walk away!

Up to 16 Individual Injection Points Per Pump

Accurate & Repeatable Injection Rates

Each Injection Rate Per Point is Set Individually

Ability to Isolate/Stop Injecting Chemical Per Well by Setting Rate to 0 (Zero)

Fewer Pumps = Fewer Replacement Parts

1 Packing = 8 Injection Points

2 Packings = 16 Injection Points

Low Power Consumption Per Well = Fewer Solar Panels = Fewer Batteries

System Available in 115V AC & 12V DC
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TXAM Pumps provides the very latest technology in turnkey automation monitoring and control solutions for industries, managing tanks, dosing pumps and related equipment in the field.

TXAM Pumps provides unique and effective solutions in automated controllers, monitoring devices and remotely controllable systems. These solutions bring together years of cellular communications experience and a heavy commitment to R&D, culminating in products having revolutionary functionality, simplicity and affordability.

TXAM IPC 2000
Cellular gateway tank monitor and pump controller

Pump & tank control from your phone

- Allows remote control from any cellphone or web
- Precision stroke counting*
- Change delivery from anywhere via text command
- Low current operation for 12v DC solar pumps
- Delivery resolution to 0.01 quart per day
- Reports and alarms to any cellphone or our HMI
- 3G/4G Cellular communications

- Reporting of pump GPS location to any cellphone
- Cellular communications
- Tamper alerts
- Continuous tank level monitoring
- User-programmable exception reports
- Monitoring of tank & battery continuously
- Monitoring of pump delivery and performance criteria
- All settings can be configured remotely by text or PC
- Has built-in pump controller Timer is not needed
- External temperature probe, standard
- Free inputs and outputs available for user data

* Stroke counting is one of the most precise ways of delivering chemical using a metering pump. Patents Pending
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The TXAM 600-TSP is the latest addition to the range of TXAM pump controllers, offering significant technological advancements. The latest SCADA Modbus device comes with a submersible or in-line tank sensor for continuous level monitoring and the features below.

- Remote control of pump delivery to any QPD target with simple command
- PROFLO proportional flow control, based on a flow meter or any 4-20mA signal and your concentration target
- Virtual flow metering using patent-pending pump stroke sensing
- Stroke-counting precision delivery
- No need for complicated table look-ups for manual flow adjustments
- The simplest calibration and level adjustments in the industry

* Stroke counting is one of the most precise ways of delivering chemical using a metering pump. Patents Pending
TXAM PUMP CONTROLLERS

TXAM Pump Controllers operate as ON/OFF timer, Cycles Per Minute timer, Batch timer, Quarts or Gallons Per Day timer, Variable Speed timer, and Continuous Run timer. Our pump controllers also allow for Temperature Probe connection for Methanol injection as well as other external modules.

Additional Features Include:

- Test button for priming
- Real Time battery backed clock calendar to set operating times
- Tracks current month and last month usage if set to quarts per day, gallons per day, or batch control
- Self contained metal enclosure is standard for Advanced Pump Control
- Settings for Woodpecker pump, HBT1 and HBT2, and ECP Pneumatic pumps
- Thermal re-settable or standard fuse operation
- Current limit setting in service menu
- More efficient drive circuit--Uses less battery power
- Communication port to allow for field updates of software and connection to external modules

TXAM SOLAR PUMPS

The Solar Advantage

- No Gas Consumption
  - All marketable gas is sent to sales point
- No Gas Supply Issues that exist with Pneumatic Pumps
  - Wet/Sour gas
  - Paraffin problems
  - Scale or salt problems
- No Cold Weather Issues
  - No gas supply to freeze and disable pump
  - No diaphragm or other parts to damage with frozen liquids
- Consistent Rate of Injection
  - Great for foamer applications

Environmentally Friendly

- No venting of harmful gases into the atmosphere
  - Safer workplace
  - “Green” solution
  - Zero emissions
- TXAM is listed as a Service Provider for the US EPA’s Natural Gas STAR Program
  - Environmentally responsible products
HBT Solar Pump

The HBT Series Solar Pumps are available in single or double head for injecting higher volumes or two chemicals at separate injection rates. An assortment of plunger sizes and built in stroke length adjustments when combined with TXAM’s pump controller will allow you to precisely control your injection rates. The HBT Series isolates chemicals away from the pump housing and motor. Standard stainless steel wetted parts are used to ensure long lasting dependability. The HBT Series combines innovative pump design with the power of solar energy to produce an environmentally friendly, maintenance free pumping solution made to last.

Specifications
- Maximum Pressure: 6,000 PSI/400 Bar
- Plunger Sizes: 3/16”, 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 200+/750+
- Power: 12 Volt DC
*Also available in Explosion Proof

HBTEXP Explosion Proof Solar Pump

The HBT EXP Series explosion proof pumps are manufactured for areas which require pumps certified as Class 1, Division 2 or hazardous locations. The TXAM Smart Timer also carries the Class 1, Division 2 certification. The pumps may be utilized with most any chemical being used to eliminate problems at the wellhead or in the pipeline.

Specifications
- Maximum Pressure: 6,000 Psi/400 Bar
- Plunger Sizes: 3/16”, 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 200+/750+
- Power: 12 Volt DC

HWP100 Woodpecker Solar Pump

The HWP100 Woodpecker Solar Pump is available in single head only. An assortment of plunger sizes combined with TXAM’s pump controller will allow you to precisely control your injection rates.

Specifications
- Maximum Pressure: 1500 PSI/100 Bar
- Plunger Sizes: 1/4”, 3/8”
- Output GPD/LPD: 6.5+/24.6+
*Also available in AC. (See website for details.)
Rugged and Reliable

- Designed and engineered for the oilfield
- Heavy duty motors
- Liquid end head assembly is 316SS as standard, no need for costly upgrading
- Easy installation and maintenance (Plug & Play)
- Most items are field repairable
- The solar stand does not require digging or cementing

SET IT AND FORGET IT!

HBT2 AC Pump

The HBT2 AC Pump is available in single or double head for injecting higher volumes or two chemicals at separate injection rates. An assortment of plunger sizes and built in stroke length adjustments when combined with TXAM’s pump controller will allow you to precisely control your injection rates. The HBT AC pump is also offered with an AC to DC switch for areas with unreliable AC power. The pump can easily be converted to solar with the flip of a switch allowing for continued injection when necessary.

Specifications
- Maximum Pressure: 6,000 PSI/400 Bar
- Plunger Sizes: 3/16”, 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 200+/750+
- Power: 120 Volt AC
*Also available in Explosion Proof
The HBT EXP Series explosion proof pumps are manufactured for areas which require pumps certified as Class 1, Division 2 or hazardous locations. The TXAM Smart Timer also carries the Class 1, Division 2 certification. The pumps may be utilized with most any chemical being used to eliminate problems at the wellhead or in the pipeline.

Specifications
- Maximum Pressure: 6,000 PSI/400 Bar
- Plunger Sizes: 3/16”, 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 200+/750+
- Power: 120 or 240 Volt AC

The HBC Circulation Pump is available in single or double head for injecting higher volumes or two chemicals at separate injection rates. An assortment of plunger sizes when combined with TXAM’s pump controller will allow you to precisely control your injection rates.

Specifications
- Maximum Pressure: 50-150 PSI/3.5-10 Bar
- Plunger Sizes: 1.5”, 2.5”
- Output GPH/LPH: 190+/730+
- Power: 120 Volt AC
*Also available in explosion proof and DC configurations.
ECP4 Pneumatic Pump

The ECP4 Pneumatic Pump is available in an assortment of plunger sizes and built in stroke rate adjustments when combined with TXAM’s pump controller will allow you to precisely control your injection rates.

Specifications
- Maximum Pressure: 3,000 PSI/200 Bar
- Plunger Sizes: 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 160+/606+
- Power: Air/Gas & 12 Volt DC

ECP5 Pneumatic Pump

The ECP5 Pneumatic Pump has built in stroke rate adjustments when combined with TXAM’s pump controller will allow you to precisely control your injection rates.

Specifications
- Maximum Pressure: 2,000 PSI/140 Bar
- Plunger Sizes: 1”
- Output GPD/LPD: 750+/2,839.06+
- Power: Air/Gas & 12 Volt DC
The TXD Dominator Pump is available in single head. An assortment of plunger sizes and built in stroke speed adjustments are utilized to precisely control your injection rates. The TXD Series Pump is 316 SS construction for corrosion resistance. This pump has many features which include but are not limited to, compact design, no return spring, no shuttle valve in the motor end, easy stroke speed adjustments via needle valve, optional gas re-capturing at no additional cost and available upon request. The stroke speed adjustments can be easily made by turning the built-in needle valve and offers unmatched turn down ratio listed in Strokes Per Minute that range from 8 - 60 SPM. The turn down ratio allows for extremely low to very high dosing.

Recommended supply pressures range from 50 - 150 PSI, results from shop testing has shown that 100 PSI supply is optimal. The discharge pressures range from 1,500 - 7,000 PSI and are based on chosen plunger size.

Specifications
- Maximum Pressure: 7,000 PSI/482 Bar
- Plunger Sizes: 1/4", 3/8", 1/2"
- Output GPD/LPD: 73+/276+
- Power: Air/Gas

PTP3500/6500 Pneumatic Pumps

PTP2500 Pneumatic Pump

The PTP2500 Pneumatic Pump is available in single head. A single plunger size and built in stroke length adjustments when combined with TXAM’s pump controller will allow you to precisely control your injection rates.

Specifications
- Maximum Pressure: 2,500 PSI/175 Bar
- Plunger Sizes: 1/4"
- Output GPD/LPD: 20+/75+
- Power: Air/Gas
The TX-BP Beam Pump is available in single or double head for injecting higher volumes or two chemicals at separate injection rates. An assortment of plunger sizes and built in stroke length adjustments will allow you to precisely control your injection rates. An extended arm is available upon request for combating higher discharge pressures. The BP Series pump is a field proven chemical injection design. The pump has a rigid stainless steel housing with a patented stabilization component in contact with the reciprocating member to stabilize the pumping motion.

Specifications
- Maximum Pressure: 1,000 PSI/70 Bar
- Plunger Sizes: 3/16”, 1/4”, 3/8”, 1/2”
- Output GPD/LPD: 100+/375+
- Power: Pump Jack

EW Series electronic metering pumps offer superior dosing capability. The versatile control features enable the EW to be integrated into virtually any chemical feed application. Superb valve performance and advanced solenoid engineering combine to make a highly precise pump for the most demanding applications. EW pumps have outputs to 6.7 GPH (25.2 l/h) and a maximum pressure of 250 PSI (17 bar). The high speed of operation results in high resolution chemical feed and long service life. Quiet and compact, EW pumps prime in seconds and hold prime reliably.

Specifications
- Maximum Pressure: 250 PSI/17 Bar
- Connection Sizes: 3/8”, 1/2”
- Output GPH/LPH: 6.7+/25.21+
- Power: 120 or 230 Volt AC
Custom Packages & Skids

From standard pump packages to multiple pump systems, TXAM has the capability to fully customize your chemical injection package to fit your needs.

TXAM offers the right pump and array of power to fit your needs. We have designed up to 12 panel skids to combat high discharge pressures and injection rates. Please consult your local TXAM Representative for details.
Test Trailers

TXAM has designed the layout of chemical test trailers for customers that require a mobile unit for short term chemical testing on-site. These test trailers can also be built to custom specifications upon request. Please consult your local TXAM Representative for details.
Stainless Steel Pipe & Tube Fittings

Valves

Bushings & Nuts

Pump Yoke & Blind Yoke

Stainless Steel Y-Strainers
- 1/4” and 3/4”
- Rated for up to 300 PSI
- Help increase the life of your packing or scar plungers and increase run time of your system by preventing harmful particles or debris from reaching the suction side of the pump.

High Pressure Filters
- Rated for up to 5,000 PSI
- 100 Micron screen helps prevent clogging atomizer tips
- Ideal for capillary injection
Stainless Steel Atomizers
- Standard 1” MNPT injection body
- Standard tubing is 3/8” OD x .065 wall thickness
- Rated at 1,500 PSI max working pressure
- Please contact your local TXAM field office for non-standard atomizing tips matched specifically to your pressure and volume needs.

Drum Gauge
- Designed to monitor systems while under working pressure
- Standard with a 1” MNPT connection
- Adjustable stuffing box
- Crank down models for higher working pressure
- Custom rod sizes are available upon request

Site Glasses

Battery Boxes

Quad head available:
- HBT Solar Pump
- HBTEXP Explosion Proof Solar Pump
- HBT2 AC Pump
- HBTEXP Explosion Proof AC Pump

Gas Scrubbers
- For pneumatic pumps, scrub the gas supply in order to remove unwanted particles or wet gas from the line before entering the pump.
- Increase the life of your pump and decrease downtime.
Tank & Containment Covers
- Heavy duty vinyl material to protect from harmful UV rays
- Environmentally friendly; adhere to strict EPA restrictions on open containment
- Save on costly vac truck expenses from leaks and chemical spill into the containment
- Multiple solar pole positioning
- Easy access zipper flap for tank fill, site glass and pump
- Ratcheting strap on the base to allow for a snug fit

Injection Quill
- Maximum Pressure: 3,000 PSI/200 Bar
- Connection Sizes: 1/2” MNPT
- Stinger Length: 2.75”
- Cracking Pressure: 10 PSIG
- Available in 316 SS body with 316 SS precision spring
- Maximum temperature rating 250°F

Stainless Steel Plungers

Atomizer Tips
TXAM Pumps has Headquarters in Houston, Texas with field locations across the US where field service, parts, and sales assistance can also be obtained. No one in the industry closely approaches the total commitment to customer satisfaction that TXAM offers.

### Offices/Field Offices

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### International Reps

**Kompass**  
Pasaje Auquinco esq. Pasaje Puyehue  
Parque Industrial III  
Rincon de los Sauces  
Pcia. Neuquen  
Argentina

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