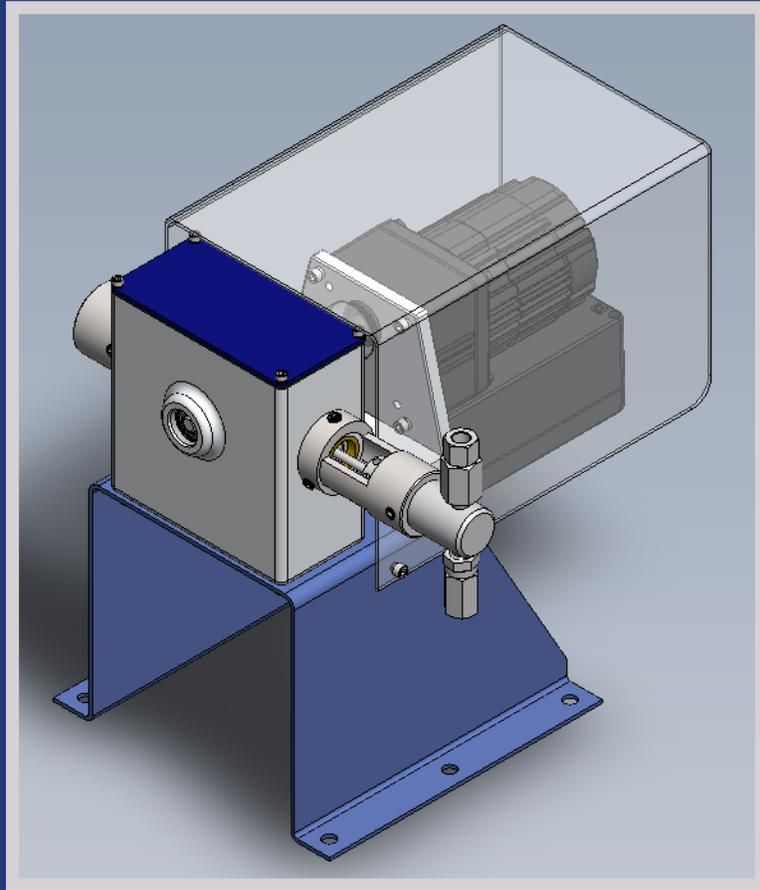


MEGAS

MANUFACTURING



MEP SERIES
INJECTION PUMP



FEATURES:

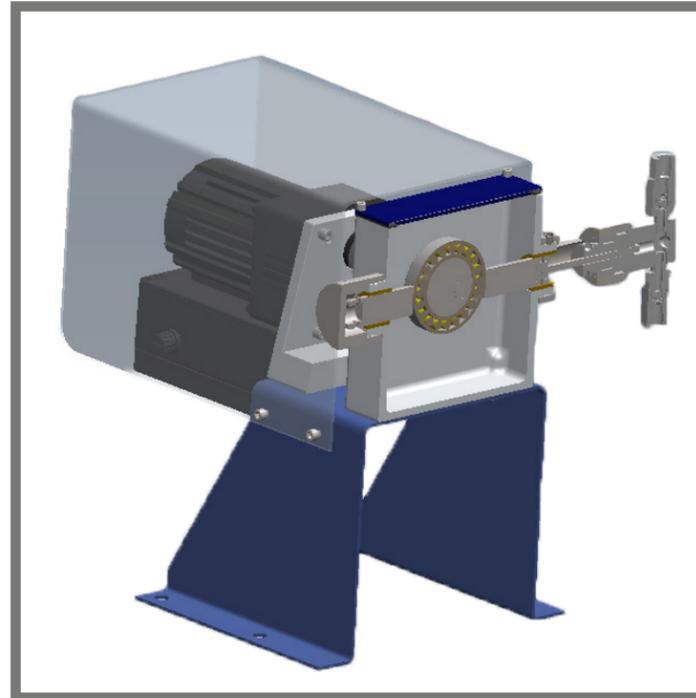
- Simplistic, Modular Design
- Low Friction Drive System
- Robust, Stainless Steel Eccentric and Bearings
- Oil Impregnated Bronze Bushings
- MAOP Up To 6000 PSI
- Flow Rates From 1 – 1040 Quarts/Day

BENEFITS:

- Ease of On-Site Installation, Retrofit, Modification and Repair
- Packing and plunger changes are easily accomplished with minimal tools and downtime
- High Motor Efficiency
- Smooth, Quiet Operation
- Longer Field Life

MATERIALS OF CONSTRUCTION:

- Pump Housing: Coated Aluminum
- Drive System: 303 SST
- Wear Parts: Oil Impregnated Bronze
- Wetted Parts: 316 SST
- Plungers: 17-4 SST or Ceramic Coated
- Check Balls: 316 SST or Carbide
- Check Seats: TFE



Megas' full line of AC and DC powered pumps are rugged, reliable, repairable, and built with simplicity in mind. They have a low cost of ownership and a high level of versatility. Pumps can be custom designed to your specifications if needed. Our application support and in-house engineering teams can assist in finding the appropriate fit for any needed use, as they have vast knowledge in upstream oil and gas applications. They are eager to assist with proven solutions and dedicated technical support. We know that's important to you; that's why it's important to us.

Feature	Controller Model		
	CR	QD	IQ
Continuous Run/Variable Speed Control	X		
Ambient Temperature Override	X	X	X
On/Off Time Control		X	X
5V Input Override		X	X
Quick Set Dosing Mode			X
Dose Calibration Routine			X
Batch Dosing Mode w/ Frequency			X
RS 232/485 (Modbus RTU Read/Write)			X
- 40* Temp Screen			X
Voltage Scaling	None	Fixed	Mode

**Custom configurations available. Contact support with application specifics, desired control scenarios and an MSDS for a data driven recommendation.*

OPTIONS

FLUID END:

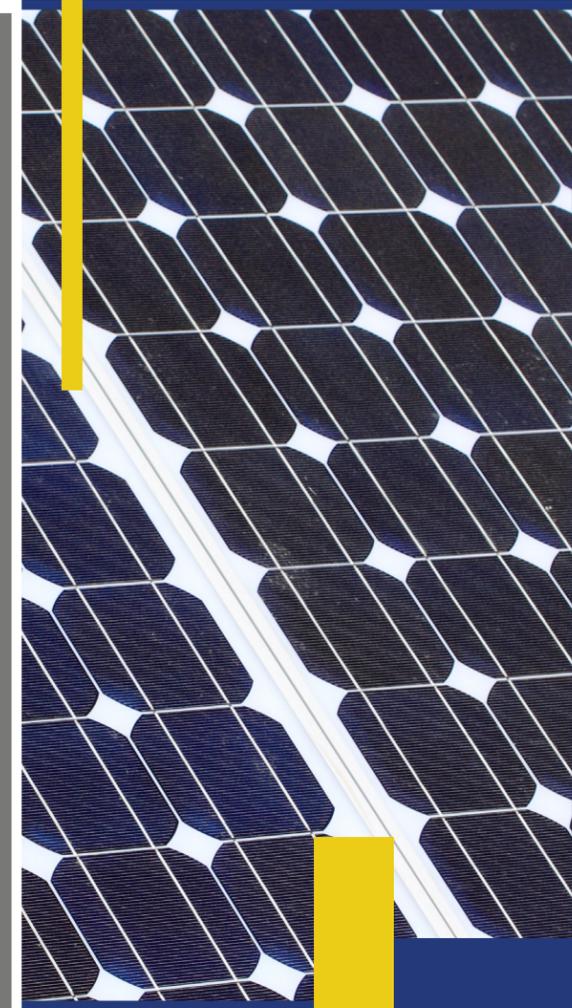
- Plungers: 3/16", 1/4", 3/8" and 1/2" in Single or Dual Head
- V Ring Packing: AFLAS/TFE, Viton/TFE
- Seal Options (Packing Adapter): ETP, UHMWPE, FFKM, TFE/Carbon/Graphite

MOTOR AND CONTROL:

- High Torque and High Efficiency Motors
 - *All applications are unique, consult your rep for data driven motor and control recommendations.
- Continuous Run, Variable Speed Control
 - Ambient Temperature Override
- Intermittent Run Control
 - Ambient Temperature Override
 - 0/5V Input Override
 - RS232/485 (Modbus RTU Read/Write)
 - Calibrated Quick Dose Mode or Time On/Off Mode
- Input Voltages
 - 12V DC
 - 24V DC
 - 115V AC
- Class 1, Division 2 Hazardous Location

POWER, ENCLOSURE AND MOUNTING:

- Various Solar Array and Battery Class Configurations
- Single and Dual Battery Enclosures
- Pole Mount Packages
- Skid Mount Packages
 - *Packaging and Mounting Design Available



Controls

Model	Code	HazLoc	Code	Voltage	Code	Solar Charger	Code
CR	C	None	-	12V DC	A	6 Amp	6
QD	1	C1D2*	X	24V DC	B	10 Amp	10
IQ	2	*Applies to Control Unit		115V AC	C	20 Amp	20
IQ+	3						

Pump

Motor	Code	Head	Code	Packing/ Check Matl.	Code	Plunger Size	Code	Plunger Matl	Code
12VDC Standard - Gen Use	12G	Single	A	Viton-TFE/TFE	V	3/16	3	17-4 SST	S
12VDC Efficiency - Gen Use	12E	Dual	B	Aflas-TFE/TFE	A	1/4	4	Ceramic Coated	C
12VDC Brushless - Class 1, Div. 2	12X			Sleeve Adapter/ TFE	S	3/8	6		
24VDC Brushless - Class 1, Div. 2	24X			Special	O	1/2	8		
115VAC - Gen Use	ACG								
115VAC - C1D2	ACX								

Power

(Solar Only, Omit for AC Systems)

Enclosure	Code	No. Batteries	Code	Array Wattage	Code	Array Wattage	Code
Single	A	Specify	#	(1) 60W	A	(2) 100W	D
Dual	B	*Standard batteries available in 110Ah		(1) 100W	B	(2) 140W	E
Quad (2 Duals)	C			(1) 140W	C	(4) 140W	F

**Pole Stand mounting included with all Full Solar Systems. Skid mounting is available upon request for your desired Pump and Power Segments. Contact Megas Support at 888-366-1290 or use the online sizing tool (www.megasmfg.com/support) for a recommendation based on your location and application variables. Always confirm the selected charging unit from Controls Segment and total array wattage from Power Segment are compatible when ordering a Full Solar System.