

1801 SERIES

Chemical Injection Unit



TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



This unit comes with a variety of options.

Trident Australia Chemical Injection Unit incorporating a choice of Solar Injection/Morgan pumps available in ratios from for pressures to 11,500 psi.

FEATURES

- Pump pressure gauge pump
- On/off air supply valve
- Air Pressure Gauge
- Top quality McDaniel Controls gauges that can be calibrated and repaired when required
- Tescom air control regulator
- Spare parts for all items on test unit carried at Trident
- Calibration tube for minute test
- We offer aftermarket service and calibration
- For sale or hire
- Pressure Relief Valve
- Solar driven by solar panels and battery for remote worksites

Part number: 201-Pump Series & Ratio Options
Eg: 1801-STA P2 L25

201 Series fitted with GSF12 pump and relief valve



The Morgan TR2 Pneumatic Timing Relay supplies an air/gas pulse that allows a pneumatic SiA or Morgan chemical injection pump to cycle once. By adjusting the time delay between each pulse the TR2 is capable of adjusting the cycle rate of the CIP between 5 and 50 cpm thus varying the flow rate.

Made completely of 316 Stainless Steel it is ideal for the corrosive off-shore environment. By its very nature, it is very suitable for hazardous area installations. Pr-lubricated during manufacture, the TR2 only requires re-packing at 6 month intervals and does not require in-line lubrication.

WHAT YOU NEED.
WHEN YOU NEED IT.



CERTIFIED
QUALITY
MANAGEMENT SYSTEM
1800001



WORLD RECOGNISED
ACCREDITATION

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Canning Vale WA 6155 | Australia

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1801 SERIES

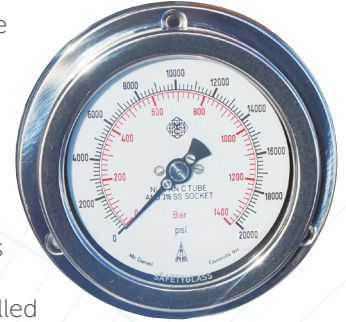
Chemical Injection Unit



The LEGACY Connector™ can connect any Plunger or Diaphragm Liquid End to any of the following drives without tools.

- Pneumatic or Gas Drive
- AC Standard or Hazardous Area
- DC Standard or Hazardous Area
- 316L Wetted Construction
- Soft Seat Check Valves
- 100% Ceramic Plunger
- Dual Seal Technology
- Pre-lubricated no field lubrication required

Trident Australia stocks a large range of quality McDaniel Controls pressure gauges for the 301 series.



Features

- All SS construction
- Laminated Safety Glass Lens
- Blowout Relief Grommet
- Can be supplied glycerine filled

Every gauge is designed to withstand 300% full scale pressure without rupture of the bourdon tube and 130% of full scale pressure without loss of accuracy.

Gauges are serviceable and are easily calibrated in our NATA accredited laboratory.

McDaniel Controls

Safe • Accurate • Reliable • Durable • Guaranteed

SiA LEGACY™ Pneumatic Chemical Injection Pumps

Plunger Size Inches	Part Number Plunger Size Designator	Part Number Drive Diameter Designator	Displacement cc	Maximum Flow Litres per Day	Maximum Flow US Gallons per Day	Maximum psig
1/4	L25	P1	0.8	57.6	15	4500
3/8	L35	P2	1.8	132	34	4650
1	L100	P2	12.8	936	240	350

Morgan Pneumatic Plunger Chemical Injection Pumps

Plunger Size Inches	Morgan Model Number	Air Drive Diameter Inches	Displacement cc	Maximum Flow Litres per Day	Maximum Flow US Gallons per Day	Maximum psig with 150 psig air drive-pressure
1/8	55DS	1	0.2	11	3	8100
1/4	225DS	2	0.8	57.6	15	6500
1/4	425DS	4	0.8	57.6	15	15000
3/8	335DS	3	1.8	132	34	8100
1/2	275DS	2	3.2	228	60	2100
1/2	475DS	4	3.2	228	60	8100
3/4	4755DS	4	7.2	504	133	3600
1	4500DS	4	12.8	936	240	2100
1 3/4	1255DS		40	2016	528	2550

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