



WELL INTERVENTION

Injection/Testing Equipment

TIS Chemical Injection &
Testing Units

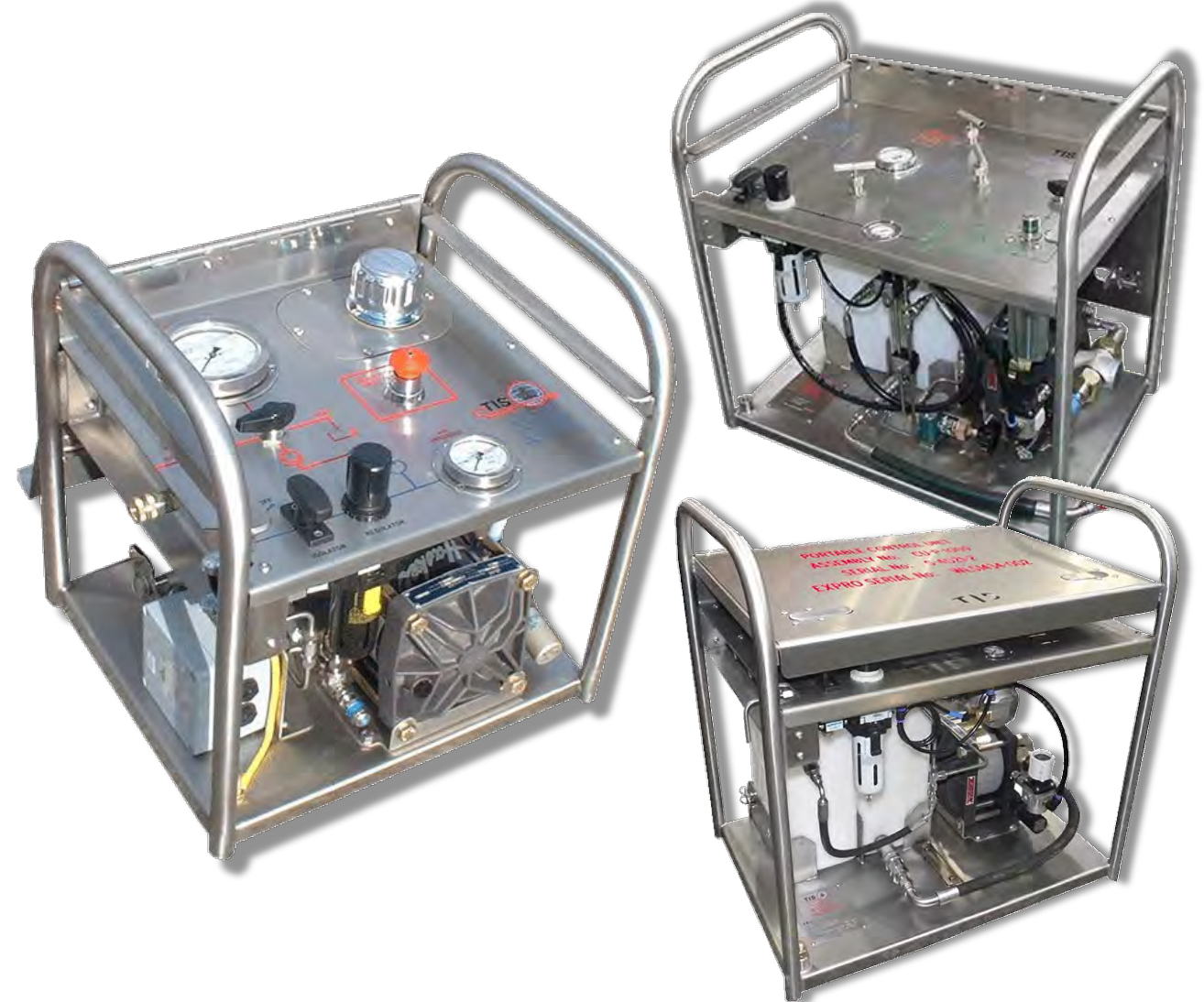


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units

TIS Chemical Injection & Pressure Testing Units are designed to provide a safe and reliable facility for pressure testing and Chemical Injection functions. We provide a range of options from Mini, Handheld and portable to DNV certified equipment.

Features :

- ▶ ATEX Zone compliant design
- ▶ Protected Control Panel within tubular frame
- ▶ Lightweight stainless-steel construction with integral lifting handles, guards and a hinged lid for all round protection
- ▶ Integral reservoir
- ▶ Pressure Gauges on all Functions
- ▶ Integral Chart Recorder
- ▶ Stroke Counters
- ▶ Air operated pumps with hand pump back-up
- ▶ Bulkhead connections complete with snap-tite connections
- ▶ Control console with engraved logic

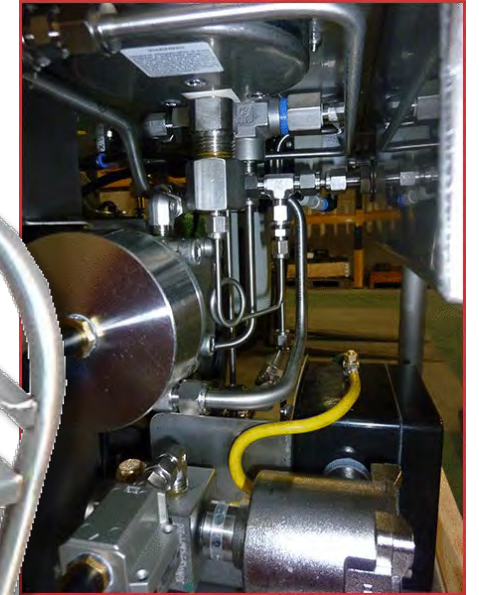


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-P-1004)

TIS HYDRAULIC CONTROL PANEL WITH ESD SYSTEM (CU-P-1004)

Features :

- ▶ ATEX Zone compliant design.
- ▶ Protected Control Panel within tubular frame.
- ▶ Lightweight stainless-steel construction with integral lifting handles, guards and a hinged lid for all round protection.
- ▶ 5,000 psi Hydraulic Functions.
- ▶ 2.1 Gallon Integral reservoir.
- ▶ Pressure Gauges on all Functions.
- ▶ Integral Chart Recorder.
- ▶ Stroke Counters.
- ▶ Air operated pumps with hand pump back-up.
- ▶ Bulkhead connections complete with snap-tite connections.
- ▶ Control console with engraved logic.

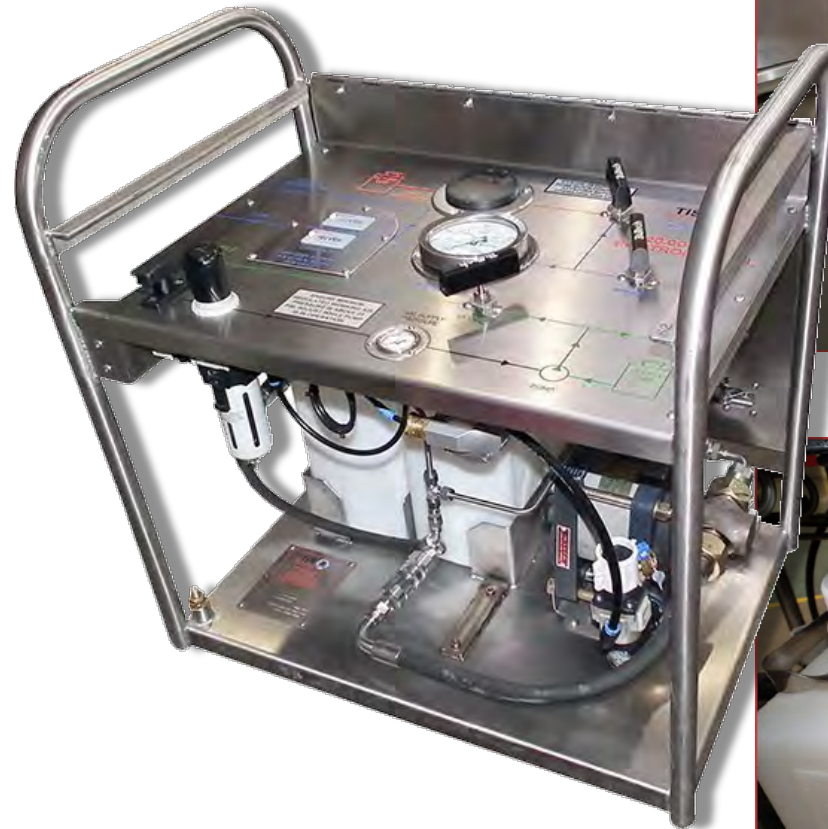


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-P-1009)

TIS 20K HAND PORTABLE HYDRAULIC CONTROL UNIT (CU-P-1009)

Features :

- ▶ ATEX Zone compliant design.
- ▶ Protected Control Panel within tubular frame.
- ▶ Lightweight stainless-steel construction with integral lifting handles, guards and a hinged lid for all round protection.
- ▶ 20,000 psi Hydraulic Functions.
- ▶ 9 Litre Integral reservoir.
- ▶ Pressure Gauges on all Functions.
- ▶ Includes Flowmeter.
- ▶ Stroke Counters.
- ▶ Air operated pumps with hand pump back-up.
- ▶ Bulkhead connections complete with snap-tite connections.
- ▶ Control console with engraved logic.



TIS CHEMICAL INJECTION UNIT (CU-P-3001)

Features :

- ▶ ATEX Zone 2.
- ▶ DNV-ST-E271.
- ▶ Protected Control Panel within Stainless Steel Housing.
- ▶ 7,500 psi Hydraulic Functions.
- ▶ 700 Litre Reservoir Tank Capacity.
- ▶ 400 Litre Operational Volume.
- ▶ 4x Air Hydro Pumps.
- ▶ 4x Pulsation Damper at 1 Litre Capacity (Pre-charge: 1,000 psi).
- ▶ 4x Stainless Steel Pressure Gauges 100mm diameter.
- ▶ ESD Operated Fire Suppression System.
- ▶ Bulkhead connections complete with snap-tite connections.
- ▶ Control console with engraved logic.

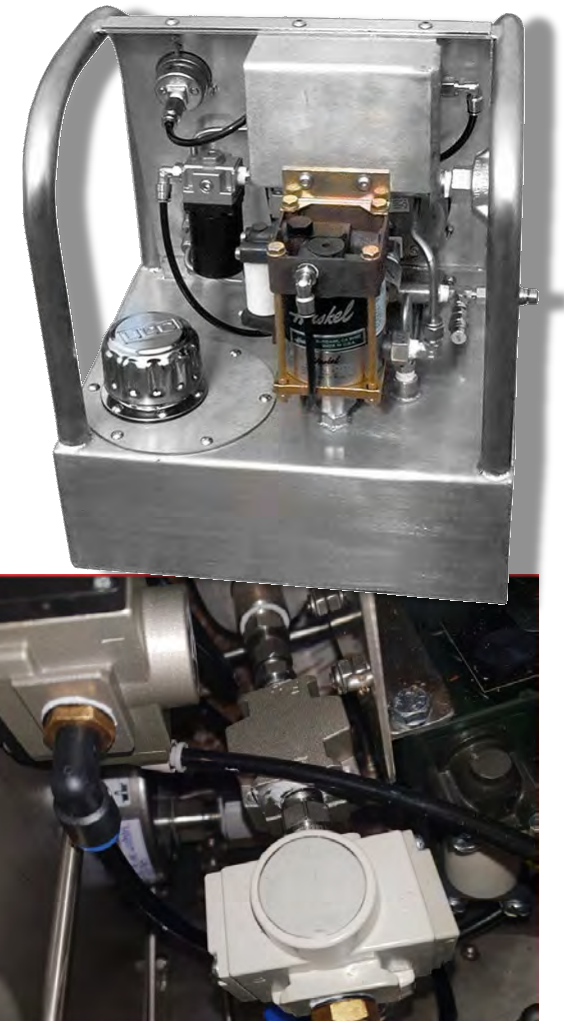


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1002)

TIS MICRO PRESSURE TEST UNIT (CU-T-1002)

Features :

- ▶ Protected Control Panel within Stainless Steel Housing.
- ▶ Lightweight, Compact Design for Portable Operations
- ▶ 0 – 10,000 psi Hydraulic Functions.
- ▶ 9 Litre Stainless Steel Reservoir Tank
- ▶ Single Air Hydro Pump Via Three Way Valve.
- ▶ 1x Stainless Steel Pressure Gauge 100mm diameter.
- ▶ Bulkhead connections complete with snap-tite connections.
- ▶ Control console with engraved logic.

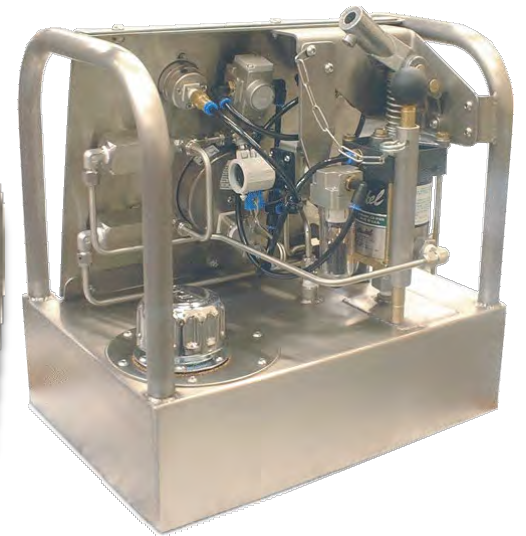


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1005)

TIS MINI PRESSURE TEST UNIT (CU-T-1005)

Features :

- › Protected Control Panel within Stainless Steel Housing.
- › Lightweight, Compact Design for Portable Operations
- › 0 – 10,000 psi Hydraulic Functions.
- › Incorporates Hand Pump for Manual Operation
- › 13 Litre Stainless Steel Reservoir Tank
- › Single Air Hydro Pump Via Air On Ball Valve.
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › Bulkhead connections complete with snap-tite connections.
- › Control console with engraved logic.

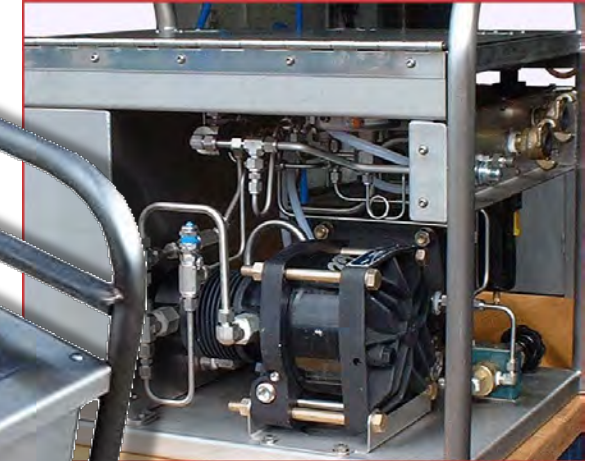
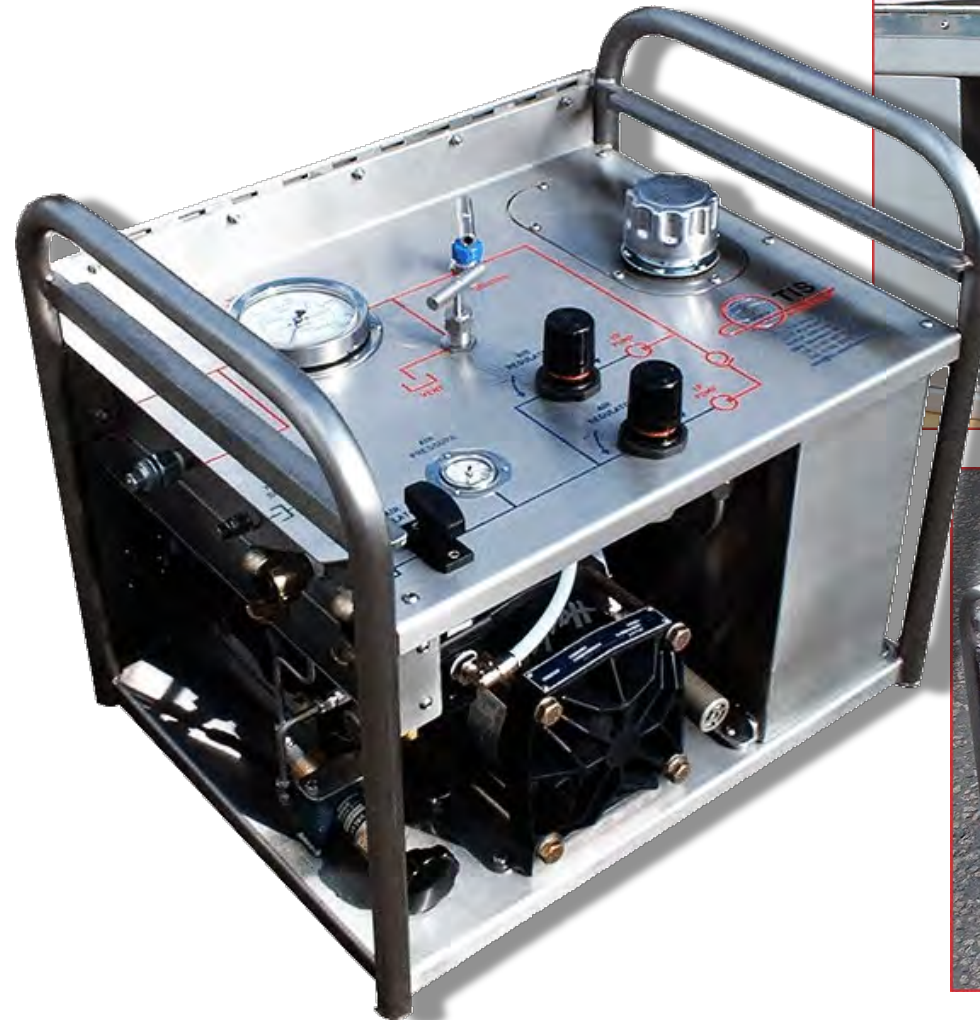


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1003)

TIS 10K Hand Portable Twin Test Pump (CU-T-1003)

Features :

- › Protected Control Panel within Stainless Steel Housing.
- › Lightweight, Compact Design for Portable Operations
- › 0 – 10,000 psi Hydraulic Functions.
- › 5 Gallon Stainless Steel Reservoir Tank
- › 2x Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › Low Pressure – High Volume Pump for Fast Fill Option
- › Low Volume – High Pressure Pump for Testing Upto 10,000 psi
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › 1x Stainless Steel Pressure Gauge 42mm diameter
- › Bulkhead connections complete with snap-tite connections.
- › Control console with engraved logic.

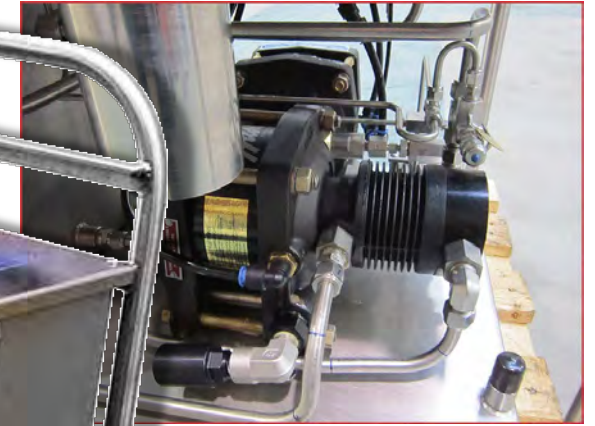
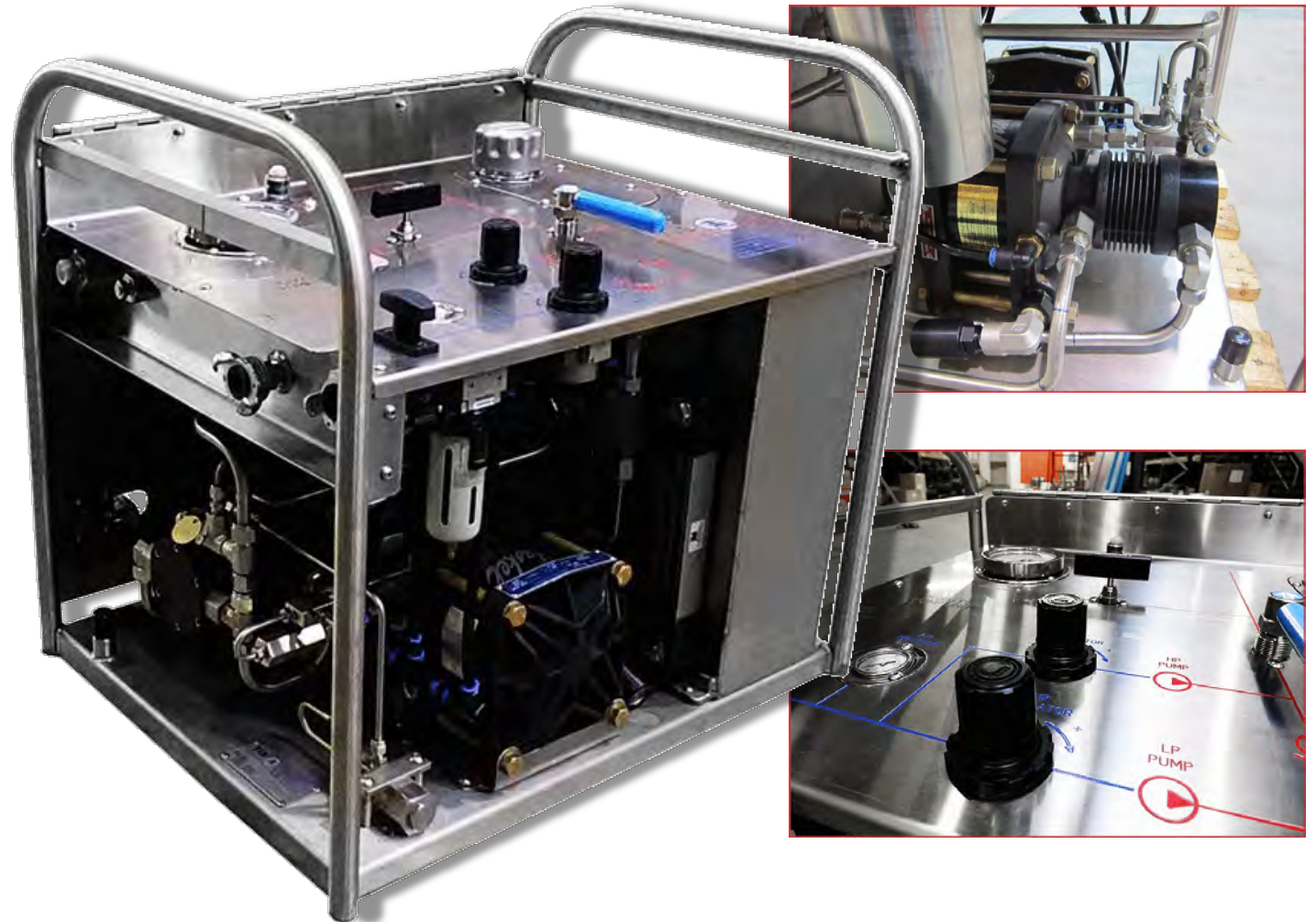


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1003-2)

TIS 15K HAND PORTABLE TWIN TEST PUMP (CU-T-1003-2)

Features :

- › Protected Control Panel within Stainless Steel Housing.
- › Lightweight, Compact Design for Portable Operations
- › 0 – 15,000 psi Hydraulic Functions.
- › 6.6 Gallon Stainless Steel Reservoir Tank W/ Ball Cock Filler
- › 2x Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › Low Pressure – High Volume Pump for Fast Fill Option
- › Low Volume – High Pressure Pump for Testing Upto 15,000 psi
- › Secondary Bulkhead Outlet for Optional Chart Recorder Hook-Up
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › 1x Stainless Steel Pressure Gauge 42mm diameter
- › Bulkhead connections complete with snap-tite connections.
- › Control console with engraved logic.

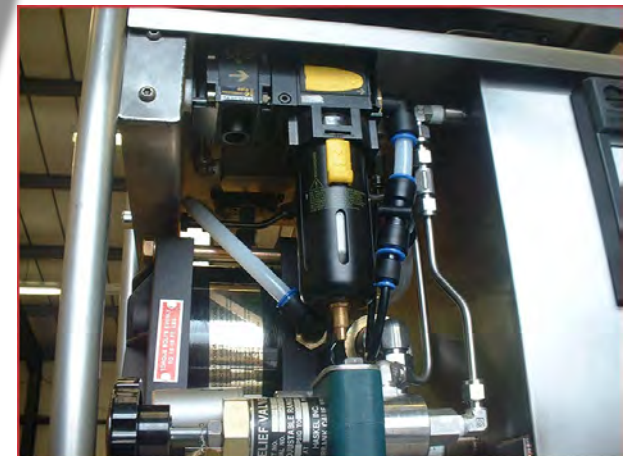
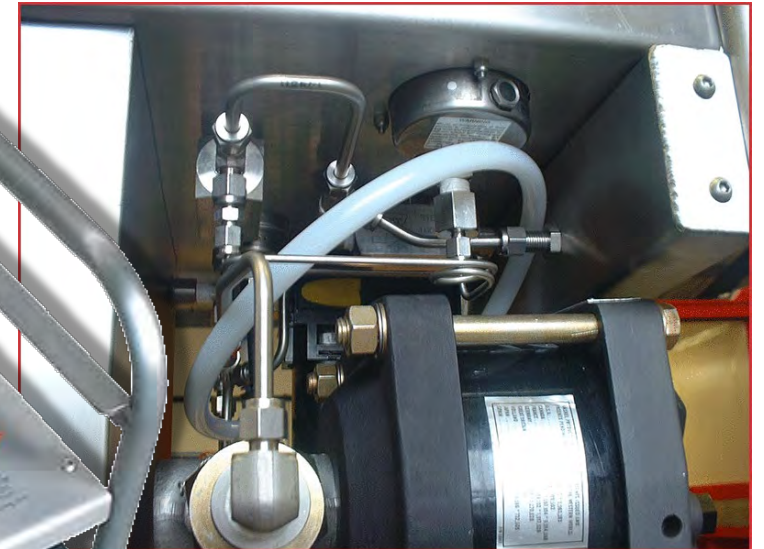


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1007)

TIS HAND PORTABLE CHEMICAL INJECTION CONTROL UNIT (CU-T-1007)

Features :

- › Protected Control Panel within Stainless Steel Housing.
- › Lightweight, Compact Design for Portable Operations
- › 0 – 10,000 psi Hydraulic Functions.
- › 2.4 Gallon Stainless Steel Reservoir Tank
- › Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › 1x Stainless Steel Pressure Gauge 63mm diameter.
- › 1x Stainless Steel Pressure Gauge 42mm diameter.
- › Bulkhead connections complete with snap-tite connections.
- › Control console with engraved logic.

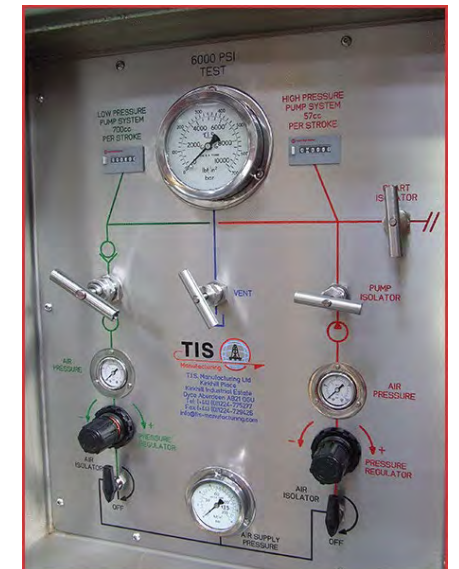
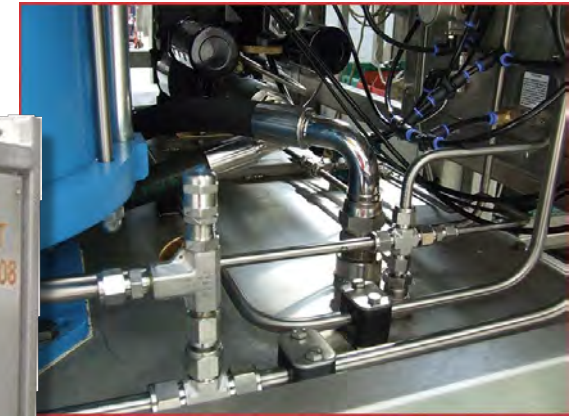


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1008)

TIS WELL PRESSURE TEST PUMP UNIT (CU-T-1008)

Features :

- › DNV-ST-E271.
- › Protected Control Panel within Stainless Steel Housing.
- › Four-Point Lift & Forklift Pockets
- › 0 – 6,000 psi Hydraulic Functions.
- › 1000 Litre Stainless Steel Reservoir Tank Fitted With Level Shut-Off Valve
- › Low Pressure Pump: 2,000 psi
- › High Pressure Pump: 6,000 psi
- › Pilot Operated Shut-Off and Regulator Valves
- › 2x Independent Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › Integral Chart Recorder
- › Wet Centre Hose Reel C/W 150ft Hose
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › 2x Stainless Steel Pressure Gauge 42mm diameter.
- › Control console with engraved logic.



TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1008-5)

TIS WORKSHOP PRESSURE TEST PUMP UNIT (CU-T-1008-5)

Features :

- › DNV-ST-E271.
- › Protected Control Panel within Stainless Steel Housing.
- › Four-Point Lift & Forklift Pockets
- › Fitted with Swivel Castors for Ease of Movement
- › 0 – 15,000 psi Hydraulic Functions.
- › 1000 Litre Stainless Steel Reservoir Tank Fitted With Level Shut-Off Valve
- › Low Pressure Pump: 1,800 psi
- › High Pressure Pump: 15,000 psi
- › Pilot Operated Shut-Off and Regulator Valves
- › 2x Independent Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › Integral Chart Recorder
- › Wet Centre Hose Reel C/W 100ft Hose
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › 2x Stainless Steel Pressure Gauge 42mm diameter.
- › Control console with engraved logic.

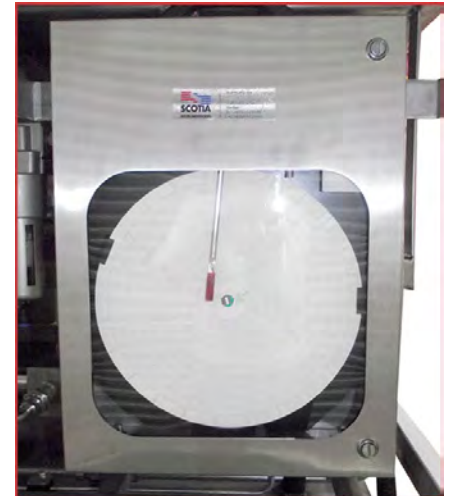


TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1008-8)

TIS WORKSHOP PRESSURE TEST PUMP UNIT (CU-T-1008-8)

Features :

- › DNV-ST-E271.
- › Protected Control Panel within Stainless Steel Housing.
- › Four-Point Lift & Forklift Pockets
- › 0 – 10,000 psi Hydraulic Functions.
- › 1000 Litre Stainless Steel Reservoir Tank Fitted With Level Shut-Off Valve
- › Low Pressure Pump: 1,800 psi
- › High Pressure Pump: 10,000 psi
- › Pilot Operated Shut-Off and Regulator Valves
- › 2x Independent Air Hydro Pump Comprising of Filter / Water Trap Assembly
- › Integral Chart Recorder
- › Wet Centre Hose Reel C/W 100ft Hose
- › 1x Stainless Steel Pressure Gauge 100mm diameter.
- › 2x Stainless Steel Pressure Gauge 42mm diameter.
- › Control console with engraved logic.



TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1020-3)

TIS PORTABLE TEST PUMP UNIT (CU-T-1020-3)

Features :

- ▶ ATEX Zone 1
- ▶ DNV-ST-E271
- ▶ Protected Control Panel within Stainless Steel Housing.
- ▶ Fitted with Swivel Castors for Ease of Movement
- ▶ 0 – 10,000 psi Hydraulic Functions.
- ▶ Low Pressure Pump: 1,800 psi
- ▶ High Pressure Pump: 10,000 psi
- ▶ Pump Stroke Counters (LP & HP)
- ▶ Pilot Operated Shut-Off and Regulator Valves
- ▶ 2x Independent Air Hydro Pump for Low Pressure & High Pressure functions.
- ▶ 1x Stainless Steel Pressure Gauge 100mm diameter.
- ▶ 1x Stainless Steel Pressure Gauge 42mm diameter.
- ▶ Control console with engraved logic.



TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1021)

TIS ELECTRICAL FLYING LEAD OIL FILL UNIT (CU-T-1021)

Features :

- ▶ Protected Control Panel within Stainless Steel Housing.
- ▶ Fitted With Swivel Castors for Ease of Movement
- ▶ Operates at 440V
- ▶ Max Oil Output Temperature 55o Celsius
- ▶ 230 kg
- ▶ Oil Pump – 72.5 psi
- ▶ 6x Heating Elements – 2kW each



TIS Manufacturing | Well Intervention | Chemical Injection & Testing Units (CU-T-1023)

TIS CHEMICAL INJECTION TEST UNIT (CU-T-1023)

Features :

- ▶ ATEX Zone 1
- ▶ Protected Control Panel within Stainless Steel Housing C/W Protective Lid
- ▶ Fitted with Swivel Castors for Ease of Movement
- ▶ 0 – 10,000 psi Hydraulic Functions.
- ▶ 9 Litre Stainless Steel Reservoir Tank
- ▶ Pilot Operated Shut-Off and Regulator Valves
- ▶ High Pressure Air Hydro Pump
- ▶ 1x Stainless Steel Pressure Gauge 40mm diameter.
- ▶ 1x Stainless Steel Pressure Gauge 63mm diameter.
- ▶ Control console with engraved logic.

