



# QUOTATION

Please address your order to:  
 TriNova Inc.  
 c/o Accounts Payable  
 4485 Laughlin Dr. S  
 Mobile, AL 36693  
 251-378-7837

Quote Number	
1173468	
Quote Date	Page
12/07/2023 15:00:55	1 of 3

Quote Expires On: 12/22/2023

**Bill To:**

City Of Cooper City  
 Attn: Accounts Payable  
 11791 SW 49th Street  
 Cooper City, FL 33330  
 US

**Ship To:**

City Of Cooper City  
 11791 Sw 49th Street  
 Cooper City, FL 33330  
 US

Requested By: Ryan Webster

**Customer ID:** 12709

<i>Terms</i>	<i>Shipping</i>	<i>Customer Service Rep</i>
Net 30		MAINARA.COSTA

<i>Quantities</i>			<i>Item ID</i> <i>Item Description</i>	<i>Unit Price</i>	<i>Extended Price</i>
<i>Line</i>	<i>QTY</i>	<i>UOM</i> <i>Unit Size</i>			

**Order Note:** \*\*\*\*\*

Cooper City WTP - Triplex Bleach Skid  
 2 Sigma 1 and 1 Gamma X

\*\*\*\*\*

1	1.00	EA	SODIUM HYPOCHLORITE TRIPLEX SKID	35,116.6986	35,116.70
		1.0	ProMinent		

**Order Line Notes:** THREE PUMP SODIUM HYPOCHLORITE FEED SYSTEM:

APPLICATION DATA:

Chemical: 12.50% Sodium Hypochlorite  
 Pump Type: Solenoid & Motor driven diaphragm pumps  
 Pump Quantity: 3 (2 Sigma1 & 1 GammaX)  
 Capacity: Sigma- 6.9 GPH @ 145 PSIG & Gamma- 2.11 GPH @ 145 PSIG  
 Piping Material: SCH 80 PVC/EPDM  
 Piping Connections: Socket weld / NPT  
 Piping Configuration: Three pumps - Common suction / three discharge configuration Inverted suction manifold  
 Crossover piping

MECHANICAL DETAILS:

Skid Type: Black polypropylene skid floor mounted (approx. 60"W x 60"H x 34"D) Chemical Inlets: (1) 0.5" Chemical Outlet: (3) 0.5"  
 (1) Lot of isolation/drain/flush vented ball valves, as required  
 (1) Wye strainer  
 (1) 1,000mL PVC calibration cylinder  
 (3) 2.5" 316SS 0-160 PSIG Discharge pressure gauges with isolators  
 (3) Back pressure valves  
 (3) 164mL CPVC/Viton Pulsation dampeners



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Line	QTY	UOM Unit Size			

ELECTRICAL DETAILS:  
 Electrical terminal box for all pump electrical connections 120vac power  
 Pump power receptacles  
 All wiring is completed at the factory

Plumbing and components rated at 150 PSI regardless of pump pressure.

Quantity: 1

**Order Line Notes:** Sigma/ 1 Control version b

The Sigma/ 1 motor-driven diaphragm metering pump features a high strength inner housing for the mechanically loaded parts and an additional plastic housing to protect it from corrosion. The pump capacity is adjusted via the stroke length (4 mm), in 0.5% increments, with a self-locking rotary dial.

Capacity:

- \* 6.9GPH; 26L/H
- \* 145PSI; 10BAR

Selected Options:

- \* Liquid End Materials: PVDF with PTFE seal
- \* Seal: Standard diaphragm / PTFE seal
- \* Diaphragm type: Safety diaph w/ visual indicat
- \* Liquid End Options: without valve springs
- \* Hydraulic Connection: PVDF clamping nut & insert
- \* Labeling: Standard with ProMinent logo
- \* Voltage Supply: 100 - 240 V
- \* Cable and Plug: North American plug, 115 V
- \* Relay: 4-20mA out+fault/pacing relay
- \* Control Variants: Option 0 + analog control
- \* Overpressure Shut-off: without pressure shut-off
- \* Operating Unit (HMI): HMI + 0.5m cable
- \* Access code: Without access code
- \* Language: english
- \* Approval: Standard

Model: S1CBH10022PVTS070UD81000EN01

Quantity: 2

**Order Line Notes:** Gamma/X

The ProMinent gamma/X is a microprocessor-based solenoid-driven diaphragm programmable pump. Continuous electronic stroke length adjustment from 0 - 100% (recommended 30 - 100%). Stroke rate adjustment in 1 stroke/hour increments from 0 to 12,000 strokes/h.

Standard features include:

- Remote on/off and external contact input 1:1 with pulse control.
- Backlit dot matrix display with 3-LED indicators
- Fiberglass-reinforced, PPE plastic housing rated to IP65.



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Quantities			Item ID Item Description	Unit Price	Extended Price
Line	QTY	UOM Unit Size			

\*\* (ProMinent Control Cable is required for external control)

Capacity:  
 \* 2.11GPH; 8.0L/H  
 \* 145PSI; 10BAR

Selected Options:  
 \* Liquid end materials: Acrylic/PVC (PVDF degassing)  
 \* Diaphragm/seals: FKM-B/PFTE coated  
 \* Liquid end version: Degassing version with bypass  
 \* Hydraulic connections: 1/2" x 3/8"  
 \* Diaphragm rupture indicator: Not included  
 \* Version: Standard  
 \* Logo: Standard, with logo  
 \* Electrical connection: Universal, 100-230 V 50/60 Hz  
 \* Cable and plug: N.American plug, 115V  
 \* Relay, pre-set: Fault relay + 4-20ma output  
 \* Accessories: Standard accessories  
 \* Control variant: Option 0 + analog control  
 \* Metering monitor: Pulse signal input  
 \* Bluetooth remote stop: Not included  
 \* Language: Standard (English)  
 \* Approvals: MET (USA)  
 \* Documentation: Standard Documentation

**Order Line Notes:** Universal control cable, 5-pin round plug; 5-wire 15 ft. (5m)  
 Quantity: 3

TERMINAL BOX KIT, 3 PUMP, NON-GFI RECEIPT  
 Quantity: 1

2	1.00	EA	SVC-TS-PROMINENT	1,650.0000	1,650.00
		1.0	ONSITE FIELD SERVICE		

(1) Day for Start Up of the Sodium Hypochlorite Skid

Total Lines: 2

**SUB-TOTAL:** 36,766.70  
**TAX:** 0.00  
**FREIGHT:** 1,600.00  
**AMOUNT DUE: \$ 38,366.70**