

**CHECK OUT OUR  
TOP WASTEWATER  
PRODUCTS**

**Pollardwater™**

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## WASTEWATER SELECTION



**STENNER PUMPS  
CLASSIC SERIES**  
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**GOULDS  
SUBMERSIBLE  
SEWAGE PUMPS**  
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**TOP  
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## ROOTS™ UNIVERSAL RAI® BLOWERS

- Heavy-duty blowers with adjustable feet to allow for vertical or horizontal installation
- Features thrust control with splash oil lube on the gear end and grease lube on the drive end
- Oversized anti-friction bearings are used with a cylindrical roller bearing at the drive shaft to withstand V-belt pull

SKU	Shaft Diameter	In/Out	Max PSI
RURAI22	0.625"	1" NPT	12
RURAI33	0.75"	2" NPT	12
RURAI53	1.125"	2-1/2" NPT	15
RURAI76	1.562"	4" NPT	15



## ROOTS™ UNIVERSAL RAI® DSL BLOWERS

- Heavy-duty blowers with adjustable feet to allow for vertical or horizontal installation
- Features thrust control with dual-splash oil lube on the gear and the drive end
- Oversized anti-friction bearings are used with a cylindrical roller bearing at the drive shaft to withstand V-belt pull

SKU	Shaft Diameter	In/Out	Max PSI
RURAI33DSL	0.75"	2" NPT	12
RURAI53DSL	1.125"	2-1/2" NPT	15
RURAI59DSL	1.125"	4" NPT	7



## SOLBERG FILTER HOUSINGS

- All surfaces are powder-coated for maximum protection from the elements
- Solberg FS filter silencer hoods feature fully drawn steel construction with no welds to rust or vibrate apart
- Polyester filter elements can be washed with warm soapy water and reused
- Achieve 99% removal of particles up to 5 microns in size

SKU	Diameter	In/Out	Height	Rated SCFM
SFS230P200	10"	2" MNPT	12-1/4"	135
SFS230P300	10"	3" MNPT	13"	300
SFS234P400	16"	4" MNPT	14"	520
SFS231P200	10"	2" MNPT	12-1/4"	135
SFS231P300	10"	3" MNPT	13"	300
SFS235P400	16"	4" MNPT	14"	520



## SUTORBILT™ LEGEND® BLOWERS



- Universal mounting for ease of installation
- Widely used in wastewater treatment plants to generate air for aeration systems
- Feature cast iron impellers and housing
- Dynamically balanced impellers are permanently fastened to the steel shafts
- Able to run in either direction; easy to adapt to most any requirement
- The splash-lubricated system keeps all parts running smoothly from the oil in the sump
- Horizontal blowers have the inlet and outlet top and bottom

SKU	Shaft Diameter	In/Out	Max PSI	Model
GGAALDPA	0.625"	2" NPT	12	2LP
GGACLDR	0.875"	3" NPT	6	4LP
GGAEMDRA	1.125"	4" NPT	7	5MP
GGAEHDR	1.125"	2-1/2" NPT	12	5HP



## RAISED BASE BLOWER PACKAGES

- Weather-resistant fiberglass hood
- Completely assembled for fast installation
- Raised base design allows a discharge silencer to be mounted directly underneath the motor and blower assembly
- Standard motors are 3-phase ODP 208/230/460V
- Includes: Blower, adjustable motor base, air filter and silencer with paper element, discharge silencer with leg-mounted support, pressure relief valve, discharge tee with pressure gauge and integral shutoff valve, hinged fiberglass hood with vent and padlock hasp, and flexible hose connection

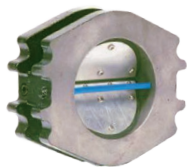
SKU	Model	Hood Class	HP
T2L2RBP	2L	M	2
T3M75RBP	3M	MW	7-1/2
T5M15RBP	5M	L	15



## REPLACEMENT FILTER ELEMENTS

- Polyester elements provide 99%+ efficiency removal to 5 microns
- Washable with lukewarm water and mild detergent and offers moisture resistance
- Polyester media is reinforced with epoxy-coated steel wire on the ID and OD
- Compatible with Solberg FS Series filter silencers

SKU	CFM	ID	OD	Height
S235P	570	4-3/4"	7-7/8"	9-5/8"
S245P	880	6"	9-3/4"	9-5/8"
S375	1500	8"	11-3/4"	14-1/2"
S485	4705	14"	19-5/8"	21-1/2"



### WAFER CHECK VALVES

- Next generation design for long life
- Ideal for use with WWTP Blowers
- Designed for maximum airflow with minimal pressure loss, while providing positive reverse flow sealing at low flows and low backpressure without the need for springs
- Max Temperature: 500°F
- Extended valve life from special Flexi-Hinge®
- When fully closed, the valve seal backing plates rest against the internal center hinge post without pinching the elastomer hinge or seal
- When fully open, the valve plates rest against a Teflon®-covered stop to prevent the valve plates from fluttering

SKU	Wafer Size	Length
F25184330	2"	1-3/8"
F45184330	4"	2-3/8"
F65184330	8"	3-3/8"



### FINE BUBBLE DISKS

- Flexible membrane diffuser incorporates an external triple-check valve design to prevent intrusion of liquids or solids in the diffuser or air piping under normal on/off operating conditions
- Easy installation with 3/4" MNPT threads
- Material: Glass-filled polypropylene, EPDM

SKU	Diameter	Rated SCFM
E01798	9"	0.5–5.0
ENV01799	9"	1.0–8.0
ENV03776	12"	2.0–13.0



### COARSE BUBBLE DISKS

- Double air shear design
- Blowoff-proof molded construction
- Diameter: 3 1/2"

SKU	Size	Rated SCFM
AHA38	3/8" MNPT	0.5–3.5
AHA75	3/4" MNPT	2.5–8.0



### WEIGHTED BLOWER RELIEF VALVES

- Designed for WWTP blower service
- Settings can be easily adjusted by adding or removing weights
- Bare valves open at 3 psi
- Max Pressure: 12 psi
- To attain the pressure setting above 3 psi, remove the retaining ring from the top of the body and add the appropriate number of 1/2 psi plates (for valve sizes 1", 1-1/2" and 2") or 1 psi plates (for valves sizes 3" and 4")
- Material: Anodized aluminum

#### Blower Relief Valves

SKU	Size
R2103068	2" FNPT
R2103069	3" FNPT

#### Weights

SKU	Compatible With
R210306803	2" Valve; 1/2 psi
R210306903	3" Valve; 1 psi



### AF-SERIES AERATORS

- Boost water oxygen levels quickly and inexpensively
- Well-suited for lagoon and pond aeration and have been designed to withstand the rigors of industrial and municipal wastewater plant operations
- Includes: Motor, propeller, prop guard, floats with all stainless steel mounting hardware, tether ropes and a power cord of the specified length
- Made in USA

SKU	Amps	Cord Length	Depth	HP	Voltage/Phase	SJTOW Cable
K2400AF100	5A	100'	15"	1/2	120V/1	14/3
K3400AF100	6.7A	100'	18"	3/4	120V/1	14/3
K4400AF100	11.3A	100'	19"	1	120V/1	12/3
K8400AF150	9A	150'	20"	2	240V/1	12/3





## LMI PD7 SERIES

- Enhanced control with graphical control display
- Consistent stroke length across adjustable range
- NSF 61

SKU	Connection	Flow Rate	Max Pressure	Type
LPD741822SI	1/4" OD	16.3 gpd	250 psi	FastPrime™ Head
LPD751832SI	3/8" OD	26.4 gpd	150 psi	FastPrime™ Head
LPD761842SI	3/8" OD	48 gpd	70 psi	FastPrime™ Head
LPD741A20HI	1/4" OD	4.8 gpd	250 psi	AutoPrime™ Head
LPD751A30HI	3/8" OD	18 gpd	110 psi	AutoPrime™ Head
LPD761A40HI	3/8" OD	42 gpd	50 psi	AutoPrime™ Head

## WALCHEM

IWAKI America Inc.



## EZ SERIES PUMPS

- Connection: 3/8" Tube OD
- Operated via simple 3-button control panel
- LCD display and keypad
- Maximum of 360 strokes per min
- Chlorine pumps are supplied with an auto degassing valve to prevent loss of prime

SKU	Flow Rate	Max Pressure
WEZB11D1VC	14.4 gpd	150 psi
WEZB16D1VC	24 gpd	105 psi
WEZB11D1VCA	12 gpd	150 psi
WEZB16D1VCA	21.6 gpd	105 psi

## GRUNDFOS



## DDA SERIES PUMPS

- Variable-speed stepper motor for increased chemical feed control
- Flexible mounting options and display orientation
- Auto-deaeration during pump standby
- Operate in manual or with 4-20mA and pulse inputs

SKU	Connection	Flow Rate	Max Pressure
G97722366	1/4" Tube OD	48 gpd	150 psi
G97722468	1/2" Tube OD	76 gpd	150 psi
G97722382	1/4" Tube OD	48 gpd	232 psi
G97722484	1/2" Tube OD	76 gpd	150 psi

## PULSAFEEDER



## A+ SERIES PUMPS

- Manual control by adjustable stroke length and speed control knobs
- Standard on/off switch
- Chlorine pumps include degassing head for sodium hypochlorite or other gaseous chemicals (VVC9XXX)
- Connection: 3/8" tube OD

SKU	Flow Rate	Max Pressure
PLB02SAVTC1XXX	6 gpd	150 psi
PLB03SAVTC1XXX	12 gpd	150 psi
PLB04SAVTC1XXX	24 gpd	100 psi
PLB64SAVTC1XXX	30 gpd	100 psi
PLB02SAVVC9XXX	6 gpd	150 psi
PLB03SAVVC9XXX	12 gpd	150 psi
PLB04SAVVC9XXX	24 gpd	100 psi
PLB64SAVVC9XXX	30 gpd	100 psi

## Blue-White Industries, Ltd.



## CHEM-PRO C2 SERIES PUMPS

- Connection: 3/8" Tube OD
- Quiet variable speed motor
- Built-in DFD (diaphragm failure detection) system
- Full stroke length avoids priming loss
- Backlit LCD display

SKU	Flow Rate	Max Pressure
BC2V245XVD	55.2 gpd	150 psi
BC2V246XVD	96 gpd	150 psi
BC2V243XVD	160.8 gpd	175 psi
BC2V241XVD	240 gpd	175 psi



### CORPORATION STOPS & NOZZLES

- Long quill puts chemical into the center of pipe flow
- Valve handle eliminates need for wrench
- Safety chain prevents the quill from being ejected accidentally
- Quill Length: 15-1/4"
- Inlet connection: 1/2" FNPT
- Max Pressure: 125 psi
- Material: PVC
- Note: Cannot be used with hot tapping machines

SKU	Connection
NCS275PVC	3/4" NPT
NCS2100PVC	1" NPT



### INJECTION QUILLS

- Promotes best chemical dispersion
- Equipped with an integral removable spring-loaded ball check valve to prevent backflow
- Connection: 1/2" MNPT x FNPT
- Quill Length: 3"
- Max Pressure: 150 psi

SKU	Materials
KQP53	PVC/Hastelloy/Ceramic
KQK53	PVDF/Hastelloy/Ceramic



### POLYBLEND SYSTEMS

- PB Series
- Maximize polymer activation using a multizone mixing chamber
- Simple electronic controls for ease of operation
- Compact design with minimal footprint (1'-1-1/2')
- Small size makes it ideal for portable use
- Efficient at low flow rates

SKU	Flow Rate	Polymer Flow
UPB1001	10–100 gph	1 gph
UPB2002	10–200 gph	2 gph
UPB60045	60–600 gph	4.5 gph

### STENNER PUMPS



### CLASSIC SERIES PUMPS

- QuickPro® pump head allows for quick and easy maintenance
- Connection: 1/4" Tube OD
- Peristaltic design to inject gaseous chemicals and prevent loss of prime
- Interchangeable pump tubes and subassemblies to change pump output if needed
- Weight: 9 lbs
- Includes: Injection valve, connecting nuts, ferrules, suction strainer, 20' tubing, spare pump head tube and mounting bracket

SKU	Flow Rate	Max Pressure
S85MJH1A1STAA	5 gpd	100 psi
S85MJH2A1S	17 gpd	100 psi
S85MJH7A1STAA	40 gpd	100 psi

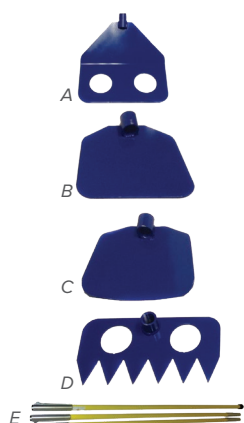
**Blue-White**  
Industries, Ltd.



### FLEX-FLO PUMPS

- True variable speed DC motor for continuous output
- Patented tube failure detection system
- Peristaltic design prevents air-lock and loss of prime
- Connection: 3/8" Tube OD
- Weight: 12 lbs
- Includes: (2) Flex-A-Prene® pump tubes, injection valve, foot valve/strainer, 5' PVC suction tubing and 5' polyethylene discharge tubing

SKU	Flow Rate	Max Pressure
BA1N10V4T	4.9 gpd	100 psi
BA1N20V6T	24 gpd	100 psi
BA1N30V7T	95.1 gpd	50 psi



## SEWER CLEANING TOOLS

- A: The holes will allow for the liquid to stay where it belongs while you scrape the grease and sludge out
- B: Flat for working on flat walls, the bottom of a tank or catch basin
- C: Curved design makes it easy to scrape circular walls of manholes or catch basins
- D: The teeth help to cut through FOG mats found in many lift stations and the holes help you leave the liquid behind
- E: Material: Fiberglass  
Connection: 3/4" FNPT

SKU	Type
A SSV1	9" Sludge Hoe with Holes
B SSV3	9" Flat Sludge Spud
C SSV5	9" Curved Sludge Spud
D SSV8	12" Sludge Rake
E SFF24	24' Pole Set, (4) 6' Sections, 1 with Rubber Handle



## TIGERTAIL HOSE GUIDES

- Made from extremely durable and virtually crushproof hose, these Tigertails will prevent your expensive jetter and camera lines from rubbing on the edges of the manhole where they may suffer damage
- An inexpensive Tigertail will save you from down time due to a failed hose or cable
- Keep one in every vehicle
- Material: PVC
- Includes 24' poly rope attached to hose

SKU	Size
A123020003	2" x 3'
A123030003	3" x 3'



## INSIGHT VIDEO INSPECTION CAMERAS

- Dependable sewer inspection system
- High-resolution color camera for 2"-12" lines
- Self-leveling 1.3" OD camera head
- 10.4" color LCD screen
- Lightweight, heavy-duty durable frame with 10" wheel for easy transport
- Battery Type: Li-Ion

SKU	Cable Length
I203001	200'
I203002	300'
I203003	400'



## NUPLA REFUSE CLAWS

- Designed with durability in mind, the refuse claw has an all-steel head with 4 tines for picking up most anything that gets stuck in your waste stream
- This system offers the ability to snap together 3' sections to a maximum of 15'
- Sections are fitted with connectors and quick release buttons for attaching to the claw and the top handle
- Handle Material: Fiberglass

SKU	Type
N6881395	Refuse Claw with Fixed 6' Handle
Q6881396	Refuse Claw Head; 3" with Connector
N69271	Center Section; 3' with Connectors
N69269	Handle Section; 3' with Connectors

Pollardwater



## TELESCOPING INSPECTION MIRRORS

- These telescopic inspection mirrors are rugged, versatile and easy to use
- Allows inspection of manholes and confined spaces without exposing the worker to the dangers of confined space entry
- Mirror Material: Acrylic
- Thickness: 1/8"

SKU	Adj. Handle Length	Handle Material	Mirror Size
PIM060606A	36" – 72"	Aluminum	6" x 6"
PIM080810A	48" – 96"	Aluminum	8" x 10"
PIM060606F	36" – 72"	Fiberglass	6" x 6"
PIM080810F	48" – 96"	Fiberglass	8" x 10"



## HDPE PLUS MANHOLE INSERTS



- Reduces inflow and treatment plant costs
- Will not rust or corrode
- Proven effective in reducing or preventing surface water inflow to the collection system through the manhole lid
- The valves are spring loaded and designed to release at 2 psi for vacuum and 1 psi for gas
- The insert will allow a rate of no more than 5 gal/24 hrs
- Thickness: 0.125"
- Includes valves for gas and vacuum relief and polyethylene gasket for sealing to the manhole frame

SKU	Size
P90021	21"-29"
P90022	29"-33"
P90023	33" and up



### 12 VDC SUBMERSIBLE PUMP

- Ideal for pumping out manholes, valve boxes and others where AC power is not available
- Handles slurries, silt and sand
- Impeller has topside repelling vanes to keep debris from getting to the seal
- Bearings are lubricated for life and the shaft seal is self lubricating
- Max Flow: 43 gpm
- Discharge: 1-1/2" FNPT
- Horsepower: 1/3 hp
- Amps: 30A
- Volts: 12VDC
- Impeller Type: Semi-open
- Max Feet of Head: 25'
- Pump Type: TENV, aluminum
- Includes 30' cord with battery clips

#### SKU

WSPA112E



Zoeller Family of Water Solutions



### WASTE-MATE SERIES 267

- Handles 2" solids
- Provides reliable service for residential and small commercial applications
- Body is powder coated for corrosion resistance
- Neoprene square ring and gasket
- Oil-filled and hermetically sealed motor
- Oil-lubricated bearings
- Discharge: 2" FNPT
- Horsepower: 1/2 hp
- Phase: 1

SKU	Amps	Cord Length	Volts	Float Switch
Z2670001	10.4A	10'	115V	Yes
Z2670002	10.4A	15'	115V	No
Z2670003	5.5A	10'	230V	Yes
Z2670004	5.5A	15'	230V	No



Barmesa®



### 2BSE SUBMERSIBLE SEWAGE PUMPS

- Handles 2" solids
- Permanent split capacitor motor, oil-filled, thermally protected (single phase only)
- Silicon/carbide seal in oil bath
- 416 SS shaft
- All cast iron construction
- Oil lubricated, dual ball bearings
- Cord Length: 15'
- Discharge: 2" FNPT

SKU	Amps	Horsepower	Phase	Volts
B2BSE52SS	5.9A	1/2 hp	1	230V
B2BSE51SS	11.6A	1/2 hp	1	115V
B2BSE73SS	5.5A	3/4 hp	3	200/230V
B2BSE72SS	10.5A	3/4 hp	1	230V



### SUBMERSIBLE DEWATERING PUMPS

- Heavy-duty; ideal for pumping out water from main breaks
- Small design is ideal for tight spaces
- Discharge: 2" MNPT
- Volts: 115V
- Built-in thermal protection

SKU	Curve Key	Amps	Horsepower	Float
TLB480	A	5.4A	2/3 hp	No
TLB480A	A	5.4A	2/3 hp	Yes
TLB800	B	11.5A	1 hp	No



### LE100 SUBMERSIBLE SEWAGE PUMPS

- Handles 2" solids
- Heavy cast iron construction
- Epoxy-coated finish
- Oil-filled, thermally protected motor (single phase only)
- Permanently lubricated upper and lower ball bearings
- Quick-connect power cord allows easy replacement of cord without breaking seals to motor
- Discharge: 2" FNPT
- Horsepower: 1 hp

SKU	Amps	Cord Length	Pump Phase	Volts	Float Switch
LLE102M2	8A	10'	1	208/230V	No
LLE102A2	8A	15'	1	208/230V	Yes



### 3888D3 SUBMERSIBLE SEWAGE PUMPS

- Handles 2-1/2" solids
- Capable of running dry without damage
- Provides years of trouble-free service
- Housing, volute and impeller are class 30 cast iron for superior wear resistance
- Discharge: 3" Flanged, horizontal
- Cord Length: 20'
- Phase: 1
- Volts: 230V

SKU	Amps	Horsepower
GWS1512D3	12.5A	1-1/2 hp
GWS2012D3	16A	2 hp
GWS3012D3	21.5A	3 hp
GWS5012D3	26.5A	5 hp



## 4" SUBMERSIBLE SEWAGE PUMPS

- Handles 3" solids
- Built-in moisture and temperature sensors
- Stands up to daily use in municipal wastewater applications
- Double mechanical seals assure the best protection against leakage
- Discharge: 4" Flanged, horizontal
- Cord Length: 30'
- Volts: 230V

SKU	Amps	Horsepower	Pump Phase
B4BSE452DS	26A	4-1/2 hp	1
B4BSE752DS	39A	7-1/2 hp	1
B4BSE1133HLD	28.4A	11-3/10 hp	3
B4BSE1503HLD	40A	15 hp	3



## LSG200 SERIES OMNIVORE® GRINDER PUMPS

- Heavy cast iron construction
- Epoxy-coated finish
- Patented V-Slice® cutter technology
- Capable of handling condoms, feminine products, diapers and other material
- Stainless steel cutter and impeller
- Cord Length: 25'
- Horsepower: 2 hp
- Discharge: 1-1/4" Flanged
- Discharge Configuration: Horizontal
- Volts: 208/230V

SKU	Amps	Phase
LLSG202A	15A	1
LLSG203M	10.6A	3



## 4" CAST IRON SUBMERSIBLE SEWAGE CUTTER PUMP

- Patented "Roto-Blade" cutter pump
- Double mechanical seal carbon/ ceramic/silicon carbide
- Solids Handling 3"
- Handles rags, wipes and other difficult material
- Flanged Discharge
- 3hp, 1750 rpm, 3ph, 33' cord
- Max Flow: 185 GPM
- Max Head: 48'
- ASTM A-48 Class 30; ASTM A-536

SKU	Amps	Volts
BCUT304	4.5	460V
BCUT303	9	230V



## 6" SUBMERSIBLE SEWAGE PUMPS

- Handles 4" solids
- Built-in moisture and temperature sensors
- Stands up to daily use in municipal wastewater applications
- Double mechanical seals assure the best protection against leakage
- Discharge: 6" Flanged, horizontal
- Cord Length: 25'
- Pump Phase: 3

SKU	Amps	Horsepower	Volts
B6BSE18034LDS	50.6A	18 hp	230V
B6BSE24034LDS	62.8A	24 hp	230V
B6BSE30034LDS	75.8A	30 hp	230V
B6BSE36034LDS	90A	36 hp	230V



## BGP-DS SERIES GRINDER PUMPS

- Stainless steel, 440C cutting system
- Designed for municipal use
- Great where higher heads are needed to reach or feed a pressure main
- Cutter and shredding ring are made from hardened 440 stainless steel Rockwell C-55
- Discharge: 2" FNPT
- Discharge Configuration: Vertical
- Cord Length: 25'
- Volts: 230V

SKU	Amps	Horsepower	Phase
BBGP302DS	23A	3 hp	1
BBGP503DS	20A	5 hp	3
BBGP753DS	24A	7-1/2 hp	3

## NETZSCH

### INLINE GRINDERS



- Vortexing design for fragment reclamation
- Integral patent pending shearing fins for improved performance
- Integral stress relief to remove high stress points of cutting knives
- Extended length cutting cartridges to evenly disperse shock loading across complete length of cartridge
- Cartridge cutting knives for quick and simple replacement/ servicing
- Quenched lubricated mechanical seals for dry running capability
- Tempered 4140 shaft is highly resistant to mechanical shocks
- Available in channel and inline models to allow installation into effluent channels or for flange assembly upstream from a pump
- Horsepower: 5 hp
- 3-year warranty

SKU	Discharge Size	Flow Rate	Cutting Cartridges	Max PSI
NNMAC250C	N/A	1101 gpm	8	N/A
NNMAC150I	6" Flange	660 gpm	4	90 psi



## NETZSCH



## PROGRESSIVE CAVITY SLUDGE PUMPS

- Excellent for pumping wastewater sludge
- Pump virtually any fluid from watery to barely able to flow
- Fluids conveyed gently and under low pulsation
- Compact footprint for easy installation
- Self-priming capabilities
- Easy to clean and service
- Pump cannot run dry
- Phase: 3
- Power Source: AC
- Pump Body: Cast iron
- Max Pressure: 75 psi
- Suction/Discharge: Flanged
- 230/460 VAC @ 60 Hz

SKU	Suction/Discharge	Flow Rate	HP
NQS089	3" x 3"	60 gpm	5 hp
NQS101	3" x 4"	100 gpm	7-1/2 hp
NQS113	4" x 6"	135 gpm	10 hp



## 6" TRASH PUMPS

- Cast aluminum body
- Stainless steel impeller
- Cast iron wear parts
- Handles 3" spherical solids
- Digital tachometer
- Electric start; battery not included
- Patented slide mechanism for ease of maintenance
- Suction/Discharge: 6" MNPT
- DOT approved trailer
- Horsepower: 24 hp
- Weight: 1,000 lbs
- Honda engine "V" Twin



SKU  
A5585H6



## 3" &amp; 4" TRASH PUMPS

- High-volume, self-priming, centrifugal trash pumps come standard with a ductile iron impeller to resist abrasion
- Easy, 1-tool clean out system
- Feature stainless steel internal hardware, iron wear parts, built-in check valve, suction strainer and heavy-duty steel frame
- Silicon/carbide seals
- Self-priming up to 26'
- Honda engine

SKU	Suction/Discharge	Horsepower	Solids
A3S9XHR	3" MNPT	9 hp	1-1/2"
A4S13XHR	4" MNPT	13 hp	2"



## 2" &amp; 3" SELF-PRIMING DIAPHRAGM PUMPS

- Thermoplastic Santoprene diaphragm
- Low flow, low head pumps that will pump virtually any liquid that is fluid enough to flow
- Pumps water and mud and can run dry eliminating the need to turn pump on/off which is ideal for excavations during main breaks
- Wheel-mounted for portability
- Self primes to 25' from dry
- Honda 4hp engine

SKU	Suction/Discharge	Flow Rate
A338G96	2"	58 gpm
A337G96	3"	90 gpm



**FREE SHIPPING  
FOR ONLINE ORDERS\***

\*Standard shipping in the contiguous U.S.  
Some exclusions may apply.



## PROSOLO OPTICAL DISSOLVED OXYGEN METER



- ProSolo digital meter is designed for use with optical dissolved oxygen sensors
- Ergonomic, rugged design with latest technology at an affordable price
- Field design features a military spec connector and waterproof (IP67 rated) housing that was rigorously drop tested from all angles
- Optical sensors mean no stirring or flow dependence
- Easy-to-read, graphic, color display and backlit keypad
- Digital sensor is automatically recognized
- Rechargeable Li-Ion battery supports a full day of sampling
- Unique data backup feature allows for the export of data to a USB flash drive (included) in .csv format without having to connect to a computer
- Direct replacement to the ProODO optical dissolved oxygen handheld, and is fully compatible with ProODO cables and ProOBOD probes
- Warranty: 3-year instrument, 2-year cable assembly, 1-year ODO sensor cap

SKU	Type
Y626663	ProSolo ODO Kit with 4m Cable
Y626664	ProSolo ODO Kit with 10m Cable
Y626400	Self-Stirring Optical BOD Probe



## MULTILAB METERS

- Benchtop meter for BOD, pH, ORP and conductivity in any combination
- Accepts smart, digital sensors that come in cabled or wireless configurations
- Available with 1, 2 or 3 channels
- 2 and 3-channel versions feature color displays, built-in OUR/SOUR software and ion-selective electrode compatibility
- Large, graphic display is easy to read and navigate
- Store up to 500 data sets in manual mode and 5000 or 10,000 data sets in automatic logging mode with USB connectivity to manage data
- CMC function displays continual monitoring of the sensor's measuring range
- All models feature a built-in barometer
- Includes: Electrode stand, power supply, manual, software and USB cable; order sensors separately
- 3-year warranty

SKU	Type
Y1FD350Y	1-Channel
Y1FD560Y	2-Channel
Y1FD570Y	3-Channel
Y626500	Self-Stirring BOD Probe Uses Optical Dissolved Oxygen Technology; Includes a Guarded Sensor Tip
Y301710Y	5' Cable 4-Electrode Graphite Conductivity Sensor
Y103780Y	5' Cable YSI Refillable, Glass, Double-Junction, 3-in-1 pH Electrode



## ZERO OXYGEN SOLUTIONS

- Use to calibrate your DO meter to a zero standard
- 500 mL
- Meets standard methods APHA 4500-O requirements

SKU  
AZE4175P



## PD260 NITRIFICATION INHIBITOR DISPENSERS

- Hach® equivalent chemistry
- Used to inhibit nitrogenous oxygen demand in a BOD test
- Simply squeeze the dispenser once for each 300 mL sample
- Delivers the correct dose of chemical with a push of a button
- Includes 35g reagent vial

SKU  
T194920



### MD 100 COD PACKAGES

- Everything you need for COD analysis
- Factory-calibrated and optimized for analysis of reacted COD vials
- Features a backlit LCD, 16 data set memory, auto-off and waterproof sample chamber
- Includes: MD 100 COD colorimeter, 16 mm adapter, 24-tube thermoreactor, (25) low and mid-range reagent vials, test tube rack, batteries and instructions
- EPA compliant depending on reagent type used

SKU	Type
T276130	COD Analysis Package
T276120	MD 100 COD Colorimeter



### COD REAGENTS

- For determination of chemical oxygen demand (COD2) by digestion
- Same as the leading brand at a fraction of the price
- Diameter: 16 mm
- Package Quantity: 25

SKU	Type	Range
T2420720	Contains Mercury	5–150 ppm
T2420721	Contains Mercury	0–1500 ppm
T2420722	Contains Mercury	0–15,000 ppm
T2420710	Mercury-Free	5–150 ppm
T2420711	Mercury-Free	0–1500 ppm
T2420712	Mercury-Free	0–15,000 ppm

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### AMMONIA STANDARDS

- Same quality for less
- Size: 500 mL
- Pollardwater™ ammonia standards and ionic strength adjuster (ISA) deliver the same performance as the leading brands at a substantial cost savings
- Ammonia standards as N

SKU	Type	Bottle Material
AAS1001P	1 mg/L	Glass
AAS1010P	10 mg/L	Glass
AAS1100P	100 mg/L	Glass
AAS1000P	1000 mg/L	Glass
AAM9000P	ISA	Poly



TSC45010



### MD 100 CHLORINE COLORIMETER

- Measure free (residual) and total chlorine for EPA compliance
- Range of 0.01-2.00 mg/L, 0.1-8.0 mg/L
- Features 16-point data recall and large, backlit LCD
- No separate light shield to misplace
- Waterproof, ergonomic design for field and lab use
- Includes: DPD (100 free and 100 total tests), 10-mL sample cells, manual, case and batteries
- Optional accessories include a secondary standards kit



TL275660

SKU	Type
TSC45010	Colorimeter Kit
TL275660	Secondary Standards Kit

ThermoFisher  
SCIENTIFIC



### AMMONIA ISES

- Most accurate way to measure ammonia
- Method for determining ammonia concentrations in water samples without interference from sample color or turbidity and without the need for distillation
- Measure from 0.01–17,000 ppm with any pH meter with a BNC connector and concentration mode
- Includes: Loose and pre-assembled membranes, electrode fill solution and manual
- Required ISA and calibration standards must be purchased separately

SKU	Type
T9512BNWP	Standard Ammonia ISE Optimized for Wastewater
T951211	Ammonia pH Buffer Solution; 475 mL
T951007	Calibration Standard; 1000 ppm as N, 475 mL
T951207	Calibration Standard; 100 ppm as N, 475 mL



## PHTESTR® 50

- Replaceable, double-junction pH electrode handles wastewater and solutions containing sulfides and heavy metals
- Redesigned leakproof cap functions as a sample cup, hydrating cup and stabilizing base to stand the meter upright
- Easy-to-navigate interface for quick setup and calibration
- Automatic temperature compensation ensures accurate reading in varying environments
- IP67-rated waterproof housing
- Calibrate up to 3 points with the auto-buffer recognition
- Features automatic temperature compensation (ATC), hold function, auto-off function, self-diagnostic error messages and a 3-segment battery life indicator
- Includes: Plastic storage case, lanyard and AAA batteries

### SKU

OWD3563415



## PH BUFFERS

- Size: 500 mL
- NIST-Traceable
- Same performance for less
- Buffers 4.01, 7.00 and 10.00 are accurate to  $\pm 0.01$  pH units at 25°C
- Color-coded for easy identification
- Lot number, expiration date and temperature chart are included on all bottles

SKU	pH	Color
ABU5004P	4.01	Red
ABU5007P	7.00	Yellow
ABU5010P	10.00	Blue



## SETTLEOMETER KITS

- Used to evaluate sludge settling characteristics
- Use with mixed liquor samples to determine the behavior of the sludge in the secondary clarifier
- Use with aerobic digester samples to evaluate supernatants and separation periods for sludge wasting
- Capacity: 1.4 L
- Includes mixing paddle and snap-on lid

### SKU

RC10102



## MODEL 711 SUSPENDED SOLIDS INTERFACE METERS

- Portable suspended solids/interface level meter
- Measure suspended solids in aeration basins or sludge blanket level in clarifiers or settling tanks
- Doubles as a sludge blanket detector
- Rugged, waterproof design for rigorous remote sampling
- Can be user-calibrated; stores the calibration values for suspended solids and interface level in two separate non-volatile memory locations, allowing the user to switch between operational modes without having to recalibrate
- 25' cable marked in 1' increments
- 1-year warranty

### SKU

R2459761



## SLUDGEPRO™ SAMPLERS

- Accurately measure settleable solids in slurry
- Polycarbonate construction provides strength and durability
- Fittings are attached with a solvent-based adhesive to provide a leakproof joint far superior to rivets used by competing brands
- Bottom section marked with waterproof tape at 1' increments
- Expand to 25' with the addition of two middle sections
- Length: (3) 5' sections
- Diameter: 3/4"
- Material: Polycarbonate
- PSP15KIT Includes: Sampler, case, cleaning brush and tape kit

### SKU

POLSP15

### Includes

15' SludgePro™ Sampler

PSP15KIT

15' SludgePro™ Sampler Kit





SLUDGEPRO™ XL SAMPLERS

- The SludgePRO™ XL settled solids sampler's advanced check valve design provides the highest internal flow area of any core sampler on the market
- Unique, high-flow check valve minimizes clogging in sludge with high solids content
- Threaded, two piece valve design disassembles for easy cleaning
- Sampler consists of (3) 5' sections that are 1-1/4" diameter
- Polycarbonate construction delivers exceptional strength and rigidity even when full
- Solvent-based adhesive provides leakproof joints
- Bottom section is marked in 1' increments
- Expand to 25' with the addition of two middle sections
- Available as a Kit which includes the 15' sampler, carrying case and cleaning brush

SKU	Includes
PSPXL	15' SludgePro™ XL Sampler
PSPXLKIT	15' SludgePro™ XL Sampler Kit



PROSAMPLE AUTOMATED PORTABLE SAMPLERS

- Portable samplers deliver highly accurate sampling of surface water, stormwater and wastewater
- Select from two models: ProSampler P sampler for composite or discrete sampling or the ProSampler PM mini composite sampler that fits in 18" manholes
- Composite sampling can be accomplished with both models, while discrete sampling can only be accomplished with the ProSample P
- Easy to transport
- Proprietary peristaltic pump with spring-loaded rollers provides accurate sampling and a long tubing life
- Battery-operated for up to 550 samples per charge
- Double-walled, insulated, polyethylene (PE) construction for longer ice retention
- Program up to 12 user-defined programs via the integral controller or YSIConnect software (free download) on your PC
- Software can be used to control the sampler, download data, and update instrument firmware
- Store up to 3000 entries for easy recall including sampling and error data, bottle changes, messages and external signals
- Includes: battery, two peristaltic pump tubes, USB cable, 5m suction hose with screw connection and sinker weight, 10L composite bottle (PM model only) and instructions

SKU	Type
Y630140	PM Series Mini Sampler
Y630141	P Series Sampler; Order Bottle(s) separately
Y630118	PE Composite Bottle with Lid; 26L
Y630134	(24) PE Bottles with Lid; 1L - Requires Distributor Arm
Y630112	Distributor Arm

## Honeywell



### HONEYWELL TRULINE RECORDER

- Prints up to 4 charts on the same timeline with a single pen
- Easily configured for a variety of applications
- Prints time and date of recording directly on the chart

SKU	Type
HDR45AT1000	1-Pen
HDR45AT1100	2-Pen
HDR45AT1110	3-Pen
HDR45AT1111	4-Pen

## Parflow



### MRC5000 RECORDERS

- Digital single and dual pen circular chart recorder
- For recording many process variables including temperature, pH, flow rate and pressure
- Real-time LED display for quick view of current operating condition
- Field-programmable
- Noryl case with acrylic window
- 4–20 mA, DC volts, temperature sensors
- Accuracy: 0.5% of rotation time
- Chart Rotation: 8, 12, 24, 48-hr
- Enclosure: NEMA 3
- Includes: (100) charts (10" size, 0–100, 24-hr) and pens

SKU	Pens	Relays
P51000011	1	None
P51100011	2	None
P51010011	1	1
P51110011	2	2

## Honeywell



### HONEYWELL DR4300 RECORDER

- Fully user configurable for a wide range of applications
- Basic or advanced models available
- Rugged molded case, with NEMA 3 door to protect internal components
- Includes: Pen(s), mounting kit, manual and 25 sheets of 0–100 (24 hr/7-day) charts

SKU	Type
HDR43010000G0100	1-Pen, No Display
HDR43020000G0100	2-Pen, No Display
HDR43110000G0100	1-Pen, With Display
HDR43120000G0100	2-Pen, With Display

### DC1250 PAPERLESS DATA RECORDERS



- Digital recording system with (2) universal inputs
- Program each channel individually
- Bright and clear LCD display
- Max 100 samples per sec for each channel
- 5-button keypad
- USB or Ethernet communication
- Accuracy:  $\pm 0.3\%$
- Operating Temperature: 32°F–122°F

SKU	Battery Backup	Ethernet
MDC1250U00	No	No
MDC1250U10	Yes	No
MDC1250U02	No	Yes
MDC1250U12	Yes	Yes

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## AMMONIA CONTROL BACTERIA

- Reduces ammonia levels, nitrates and nitrites in wastewater
- Size: 1 gal
- Utilizes ammonia directly and reduces sludge generation and accumulation
- Refrigeration not required

SKU

PNB1

Pollardwater



## SLUDGE SETTLING BACTERIA

- Formulated for municipal wastewater
- Can be used in conjunction with chlorination and peroxide programs
- Water-soluble bags
- Size: 25 lbs
- Small Plants: Up to 500,000 gpd
- Large Plants: 500,000 gpd and up
- Package Quantity: 50 (8 oz bags)

SKU

Application

PSR500A Small Treatment Plants

PSR500C Large Treatment Plants

Pollardwater



## FILAMENTOUS CONTROL BACTERIA

- Blend of microorganisms which help control the activity of undesirable filamentous bacteria in wastewater
- Helps generate a good dense settling floc with excellent dewatering characteristics
- May be used in conjunction with hypochlorite or peroxide programs
- Water-soluble bags
- Size: 25 lbs
- Package Quantity: 50 (8 oz bags)

SKU

PFC500

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## LAGOON BACTERIA

- Aids with sludge reduction and enhancement of effluent quality in lagoon systems
- Reduces dredging costs and helps remove excess nutrients which can lead to poor water quality
- Benefits include grease and scum control, odor reduction and faster startups
- Water-soluble bags
- Size: 25 lbs
- Package Quantity: 50 (8 oz bags)

SKU

PLB600

Pollardwater



## SEWER HEAT DRAIN OPENER

- Alkaline drain opener
- Caustic granules activated with aluminum needles create heat to melt grease when introduced to water
- Does not harm pipes and drains
- Ready-to-use product reduces labor costs
- Shipping fee for hazardous materials will be added to freight, 3+ ship motor freight
- Size: 55 lbs

SKU

ESH100

Pollardwater



## ULTRA-JET CLEAN JETTER FORMULA

- Liquifies grease in sewers, lift stations, wetwells and manholes
- Used with high-pressure sewer cleaning equipment
- Mix 1 gal of Ultra-Jet Clean to 100 gal of water to make effective solution
- Size: 5 gal

SKU

PJC200

Pollardwater



## ULTRA-GREASE CONTROL BACTERIA

- Metabolizes and consumes sewer grease
- Dramatically reduces line blockages and improves flow
- Use in conjunction with PJC200 for most effective results
- Water-soluble bags
- Size: 25 lbs
- Package Quantity: 50 (8 oz bags)

SKU

PJL100

Pollardwater



## ULTRA-GREASE BLOCKS

- Reduces grease, fat and oil accumulation
- Bacteria Count: 8 billion
- Decreases jetting and grease disposal costs
- Dissipates in 30–90 days in normal water flow rates
- Includes rope for hanging in lift-station

SKU

Size

PRGB5LB 5 lbs

PRGB10LB 10 lbs

PRGB30LB 30 lbs

DELIVERING QUALITY SINCE 1837



## FLEX-PRO PUMPS

- LCD display
- Peristaltic design will prevent it from ever losing prime
- Primes in 60 secs by a single touch of the priming button
- (2) CNC machined squeeze rollers and (2) alignment rollers for optimum squeeze, accuracy and tube life
- Built-in TFD (tube failure detection) system
- Natural PVDF fittings for maximum chemical resistance
- A2V, A3V and A4V pumps can be adjusted manually or via a 4-20mA or pulse signals
- Includes: (2) pump tubes, injection valve, suction strainer and 20' of tubing (NPT models do not include tubing)

SKU	Connection	Flow Rate	Max Pressure
BA2V24SND	3/8" Tube OD	40.8 gpd	125 psi
BA3V24SNEE	3/8" Tube OD	114 gpd	110 psi
BA4V24MNH	1/2" MNPT	684 gpd	125 psi



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