

REQUEST FOR QUOTATION

**** THIS IS NOT AN ORDER ****

Return Quotes To:

The University of Tennessee
Purchasing Department
5723 Middlebrook Pike
Knoxville TN 37921

Vendor Address

Bidder # D99999
University of T
PARENT RFQ
UT TN

Information

Date: 05/28/2010
RFQ No: 6000038516
Collective No: 10035114
Return Quote By: 06/14/2010 4:00 PM E.S.T
Promised Ship Date: (Furnish) _____
Payment Terms: (Furnish) _____
FOB UT Dest Unless Otherwise Specified Below

Buyer: Bradley New
Phone: 865-974-3108
Fax: 865-974-2973

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
------	----------	----	----------------------	----------------	------------

NOTE: Any potential bidder not otherwise notified by the University for this requirement must register at:
<http://purchasing.tennessee.edu>. Scroll to "Bid & Proposal Advertisements" under Quick Links, and follow the instructions. Failure to do so will result in rejection of your bid.

Items to be Northwestern Systems Corporation or equal

00001	1	EA	Cage & Rack Washer	_____	_____
			Per attached specifications		
			Manufacturer _____ # _____		
			Warranty _____		
00002	1	EA	Installation	_____	_____
00003	1	EA	Knock-down Shipment	_____	_____
00004	1	EA	Universal Basket Cart	_____	_____
			Manufacturer _____ # _____		
			Warranty _____		
00005	1	EA	Freight	_____	_____
00006	1	EA	Remove Existing Washer	_____	_____

To inspect the site to see where the work is to be done, please contact Ron Roberts at 865-305-9451

Manufacturer _____ # _____

Warranty _____

REQUEST FOR QUOTATION

****THIS IS NOT AN ORDER****

Return Quotes To:

The University of Tennessee
Purchasing Department
5723 Middlebrook Pike
Knoxville TN 37921

Vendor Address

Bidder # D99999
University of T
PARENT RFQ
UT TN

Information

Date: 05/28/2010
RFQ No: 6000038516
Collective No: 10035114
Return Quote By: 06/14/2010 4:00 PM E.S.T.
Promised Ship Date: (Furnish) _____
Payment Terms: (Furnish) _____
FOB UT Dest Unless Otherwise Specified Below

Buyer: Bradley New
Phone: 865-974-3108
Fax: 865-974-2973

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
------	----------	----	----------------------	----------------	------------

DELIVERY MAY BE A FACTOR IN THE AWARD

Delivery is requested as soon as possible. Please state your best delivery in the space provided below:

Best delivery date _____

SPECIAL BID CONDITIONS**SBC 1 CONFLICT OF CONDITIONS**

In the event that there are any conflicts between the general bid conditions and these special bid conditions the special bid conditions shall take precedence.

SBC 2 BID AS SPECIFIED OR EQUAL

The items on this request for quotations shall be as specified or equal. When the specifications specify a product by name of a manufacturer or vendor, or whenever the terms (similar to) and (equal to), or (approved equal) are used, the terms named are intended to set the standard for such materials or articles. The burden of proof shall rest solely with the supplier to prove that the proposed substitutes are equal to the materials or articles specified. The university shall be the sole judge as to whether the items submitted are equal to those specified.

SBC-3- SEALED BID

The envelope in which quotations will be submitted should be identified by placing the required information on the outside of the envelope as follows: It is imperative that your name and address appear in the upper left corner of the envelope and that the collective number, due date and time of opening appear in the lower left corner. Bid openings shall be public, on the date and at the time specified on the bid form. All sealed bids must be received in the purchasing department on or before the date and hour specified for bid opening. Sealed bids that miss the deadline will be rejected and returned unopened or kept on file in the purchasing department. No qualifying letters or statements from vendors will be considered a justification for accepting late bids.

SBC-4 WARRANTY

Each bidder is required to attach to their quotation a detailed statement of warranty or guarantee. The statement should include the period of time involved as well as the specific details of the warranty.

SBC-5- FOB

PLEASE QUOTE F.O.B. DESTINATION DELIVERED. TO INCLUDE ANY AND ALL FREIGHT CHARGES.

REQUEST FOR QUOTATION

THIS IS NOT AN ORDER

Return Quotes To:

The University of Tennessee
Purchasing Department
5723 Middlebrook Pike
Knoxville , TN 37921

Vendor Address

Bidder # D99999
University of T
PARENT RFQ
UT TN

Information

Date: 05/28/2010
RFQ No: 6000038516
Collective No: 10035114
Return Quote By: 06/14/2010 4:00 PM E.S.T.
Promised Ship Date: (Furnish) _____
Payment Terms: (Furnish) _____
FOB UT Dest Unless Otherwise Specified Below

Buyer: Bradley New
Phone: 865-974-3108
Fax: 865-974-2973

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
------	----------	----	----------------------	----------------	------------

SBC 6 BID MUST BE IN ACCORDANCE WITH SPECIFICATIONS

Bidders are cautioned that unless otherwise stipulated in their bids, it will be assumed that they are bidding in strict accordance with the specifications and will be required to strictly comply therewith. Any deviations whatever from the specifications must be fully set forth and itemized in detail in a letter accompanying the bid. Generalized statements submitted with your bid in order to avoid complying with this requirement in full detail will not be accepted.

SBC 7 INTERPRETATIONS AND ADDENDA

Any questions concerning conditions and specifications should be directed to the purchasing department in writing no later than five (5) days prior to the bid opening. Inquiries must reference the date of bid opening and RFQ number.

SBC 8 CONTRACTED SERV. INS.**Certificate of Insurance**

The successful bidder shall file with the Purchasing department of The University of Tennessee, prior to commencing work, an appropriate certificate of insurance, in duplicate, evidencing compliance with the insurance requirements contained in the bid specifications.

Additional Insured

The certificate of insurance shall name The University of Tennessee as an additional insured under the required policies of liability insurance set forth in the insurance requirements of these specifications.

The insurance required hereunder naming the University of Tennessee as an additional insured shall be primary insurance to any and all insurance that might be in force for the benefit of The University of Tennessee.

Insurance Requirement

The successful bidder who provides products and services to The University of Tennessee will provide the University with satisfactory evidence of the following insurance coverage:

Workers compensation and industrial diseases insurance in the statutory amounts, and employers liability in the amount of \$500,000.

General liability insurance or comprehensive general liability insurance, including contractual liability, products/completed operation, and contractors broad form liability in an amount equal to \$1,000,000 combined single limits of liability.

REQUEST FOR QUOTATION

****THIS IS NOT AN ORDER****

Return Quotes To:

The University of Tennessee
Purchasing Department
5723 Middlebrook Pike
Knoxville , TN 37921

Vendor Address

Bidder # D99999
University of T
PARENT RFQ
UT TN

Information

Date: 05/28/2010
RFQ No: 6000038516
Collective No: 10035114
Return Quote By: 06/14/2010 4:00 PM E.S.T.
Promised Ship Date: (Furnish) _____
Payment Terms: (Furnish) _____
FOB UT Dest Unless Otherwise Specified Below

Buyer: Bradley New
Phone: 865-974-3108
Fax: 865-974-2973

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
------	----------	----	----------------------	----------------	------------

Automobile liability insurance, including non-owned and hired automobiles, in an amount equal to \$500,000 combined single limits of liability.

Such insurance shall be written by insurers acceptable to The University of Tennessee. The certificate of insurance shall indicate whether the policy or policies of insurance are written on a claims-made or occurrence basis.

SBC-9 AWARD-ALL OR NONE:

AWARD OF ALL ITEMS WILL BE MADE ON AN (ALL OR NONE) BASIS.

GENERAL BID CONDITIONS:

All University of Tennessee general bid conditions apply to this bid. To view these conditions, which include protest procedures, please visit website "http://purchasing.tennessee.edu/general_bid_conditions.htm". If for some reason you are unable to access this website you may telephone (865) 974-3311 for a hard copy of these conditions.

REQUEST FOR QUOTATION

THIS IS NOT AN ORDER

Return Quotes To:

The University of Tennessee
Purchasing Department
5723 Middlebrook Pike
Knoxville , TN 37921

Vendor Address

Bidder # D99999
University of T
PARENT RFQ
UT TN

Information

Date: 05/28/2010
RFQ No: 6000038516
Collective No: 10035114
Return Quote By: 06/14/2010 4:00 PM E S T.
Promised Ship Date: (Furnish) _____
Payment Terms: (Furnish) _____
FOB UT Dest Unless Otherwise Specified Below

Buyer: Bradley New
Phone: 865-974-3108
Fax: 865-974-2973

Item	Quantity	UM	Material/Description	Price Per Unit	Net Amount
------	----------	----	----------------------	----------------	------------

IF THE BIDDER TAKES EXCEPTION TO ANYTHING IN THE SPECIFICATIONS OR TERMS AND CONDITIONS, THE EXCEPTION MUST BE LISTED BELOW IF NECESSARY YOU MAY SUPPLEMENT YOUR COMMENTS WITH AN ATTACHEMENT LISTING YOUR EXCEPTIONS. IF NO EXCEPTIONS ARE TAKEN WRITE 'NONE' IN THE AREA FURNISHED BELOW. IF NO COMMENTS ARE FURNISHED IT WILL BE ASSUMED THAT NO EXCEPTIONS ARE BEING TAKEN

CERTIFICATION: MY COMPANY IS CLASSIFIED AS A:

NOTE: It will be assumed that business category is large if no response is furnished

LARGE BUSINESS _____ SMALL BUSINESS _____ WOMAN OWNED _____

PLEASE INDICATE BELOW ONLY IF YOUR FIRM IS AT LEAST 51 PERCENT OWNED BY A MEMBER(S) OF THE FOLLOWING GROUPS

BLACK AMERICAN _____ HISPANIC AMERICAN _____ ASIAN PACIFIC AMERICAN _____ NATIVE AMERICAN _____ ASIAN INDIAN AMERICAN _____

IT IS UNDERSTOOD AND AGREED THAT THIS BID WHEN CERTIFIED BY AN AUTHORIZED SIGNATURE SHALL CONSTITUTE AN OFFER WHICH WHEN ACCEPTED IN WRITING BY THE UNIVERSITY'S PURCHASING DEPARTMENT AND SUBJECT TO THE TERMS AND CONDITIONS OF SUCH ACCEPTANCE WILL CONSTITUTE A VALID AND BINDING CONTRACT BETWEEN THE UNIVERSITY OF TENNESSEE AND THE BIDDER/CONTRACTOR SUBMITTING SUCH OFFERING

WE OFFER TO SELL TO YOU THE ABOVE MATERIAL(S) OR SERVICES AT THE PRICE AND TERMS SPECIFIED HEREON AND IN ACCORDANCE WITH THE UNIVERSITY'S GENERAL AND ANY SPECIAL BID CONDITIONS FURNISHED AND INCORPORATED INTO THIS DOCUMENT ALL EXCEPTIONS, ALTERNATIVE MATERIALS OR SPECIFICATIONS IF ANY HAVE BEEN CLEARLY INDICATED IF YOU HAVE ANY QUESTIONS ABOUT THIS REQUEST FOR QUOTATION, CONTACT THE BUYER AT THE ADDRESS OR TELEPHONE NUMBER SHOWN ABOVE

WHEN OFFERING A "NO BID", PLEASE INDICATE YOUR REASON(S) BELOW AND RETURN THIS INFORMATION WITH YOUR RESPONSE

_____ DO NOT HANDLE THIS TYPE EQUIPMENT _____ CANNOT MEET SPECIFICATIONS
_____ CANNOT MEET REQUIRED DELIVERY _____ MATERIALS NOT AVAILABLE
_____ OTHER (SPECIFY) _____

IN COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 878, PUBLIC ACTS OF 2006 THE CONTRACTOR HEREBY ATTESTS THAT THE CONTRACTOR SHALL NOT KNOWINGLY UTILIZE THE SERVICES OF AN ILLEGAL IMMIGRANT IN THE PERFORMANCE OF THIS CONTRACT AND SHALL NOT KNOWINGLY UTILIZE THE SERVICES OF ANY SUBCONTRACTOR WHO WILL UTILIZE THE SERVICES OF AN ILLEGAL IMMIGRANT IN THE PERFORMANCE OF THIS CONTRACT

ALL FIRMS WISHING TO DO BUSINESS WITH THE UNIVERSITY MUST LIST THEIR FEDERAL TAX ID NO OR SOCIAL SECURITY NO (IF INDIVIDUAL) IN THE SPACE PROVIDED:
TAX ID OR SSN: _____

(Signature)

(Printed Name and Company Name)

(Telephone # Toll free if available)

(E-Mail Address)

(Date)

(Title)

(FAX #)

(WEB Site Address)



R700 SERIES HIGH EFFICIENCY CAGE & RACK WASHERS

The BetterBuilt R700 Series Cage and Rack Washer reflects the current desire for high efficiency equipment which consumes less energy, increases productivity and promises sustainability for the future.

Oscillating Manifold Spray Jet System

Wash and rinse solutions are distributed throughout the wash chamber via 110 degree oscillating arms mounted horizontally along the sidewalls of the chamber. These spray jet manifolds with 160 wash nozzles and 100 rinse nozzles, plus 3 additional wash nozzles on the washer ceiling provide complete coverage.

Touchscreen Control Systems

A microcomputer with 8" TFT color touchscreen interface monitors and controls all aspects of the washer cycles and process operations. Unique features include adjustable multi-tiered password access, advanced diagnostics, alarm and data logging, parts list ID with visual reference assists maintenance and troubleshooting.

Maintenance and Replacement Parts

A preventative maintenance program is required for warranty purposes and is available from a local service agent. All BetterBuilt washers use microprocessor program controllers for long life and ease of service diagnostics. All components are non-proprietary and are available from local suppliers or the factory.

Alkaline and Acid Compatible

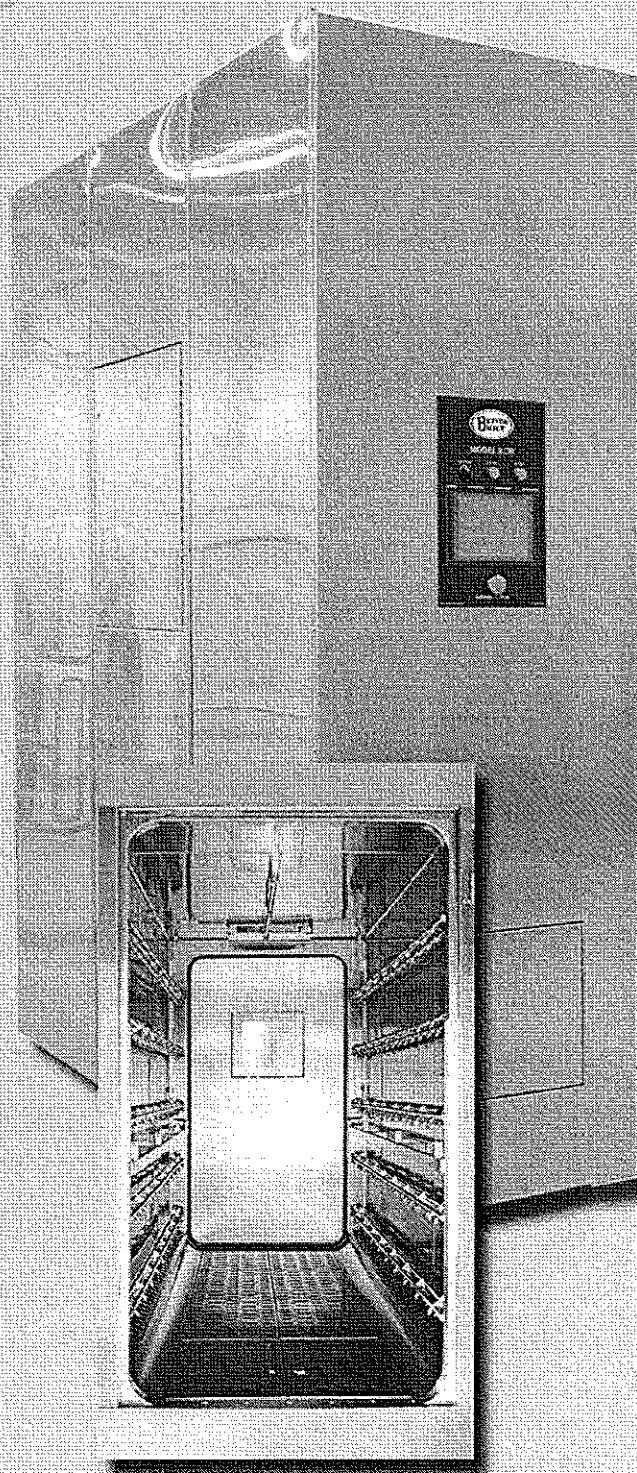
All BetterBuilt washers have a stainless steel cabinet and circulatory system, containing no plastic or rubber connections. This makes the washer compatible with all alkaline or acidic detergents and extends the operational life of the washer.

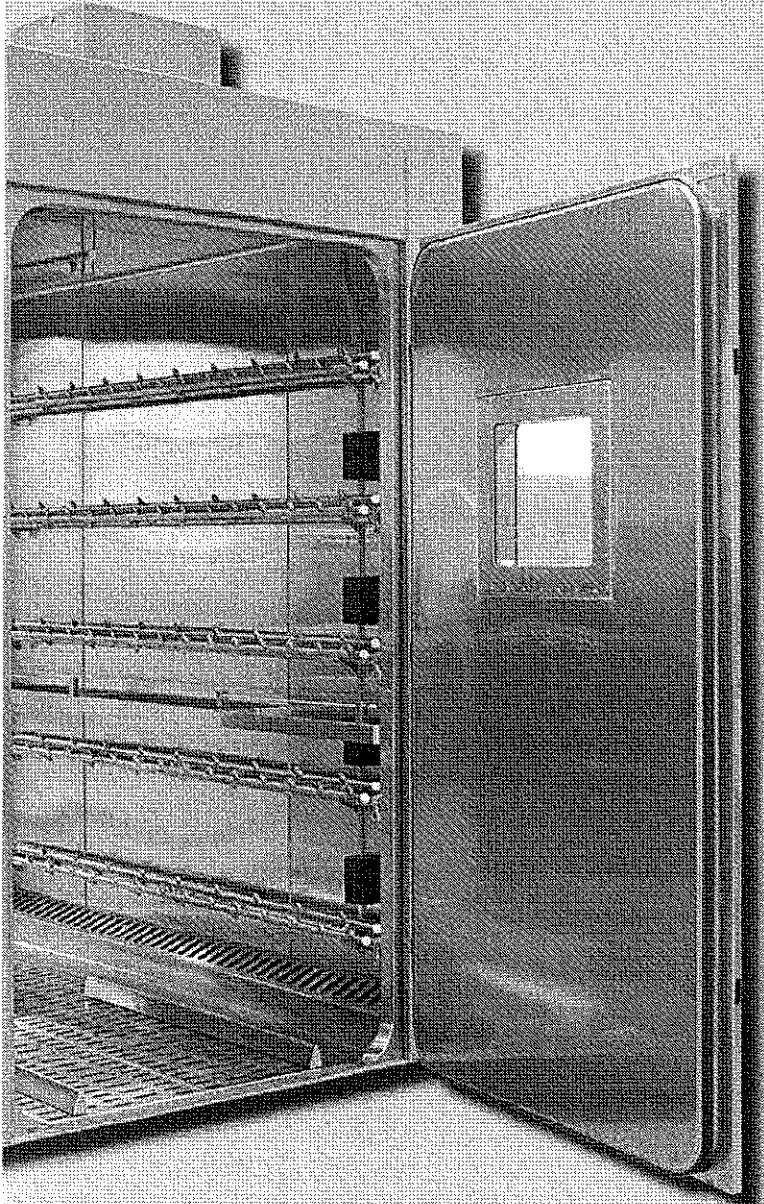
Safety Features

Personnel safety features include an emergency stop (e-stop) button located at each door. Inside the wash chamber, two highly visible emergency stop cables are located on both sides. The washer is equipped with a mechanical over-pressurization relief system.

Inflatable Door Gasket

Each door is equipped with a dual heavy-duty pneumatic lock and EPDM inflatable gasket to completely seal the cabinet door. With the addition of appropriate connections, the washer is capable of operating as a VHP / Chlorine Dioxide Sterilization Chamber.





Fast Cycle times Low Water Consumption

Separate heated and insulated storage tanks for wash and rinse solutions provide cycle times of 6 – 9 minutes for an alkaline wash and 10 – 15 minutes for an acid wash. By returning wash solution to the storage tank and re-using it for the next wash cycle, less energy, water and chemicals are consumed.

Aqua Pulse Spray

Spray emphasis from either side of the wash chamber is adjustable for duration and modulation frequency from side to side which optimizes chemical and water pressure performance during either the wash and/or rinse stage of a cycle.

Low-Profile Base

The 6" base allows the washer to be placed in a shallow pit or be floor mounted.

Reduce Cross Contamination

The washer sump is fully drained with a fresh water flush at the end of every rinse step. Dedicated piping for the wash and rinse solutions is also designed to reduce cross contamination.

Self Cleaning Filter

The double layer, 60 mesh, stainless steel automatic self-cleaning filter is located on the load side of the washer behind a lockable service door for easy access.

Automatic Cart-Lock Connection

The washer is equipped with a floor mounted; manifold coupling to divert wash/rinse solution through a bottle wash cart. The coupling connection is automatic to the accessory cart, no manual fastening required.

Load Bumper Rails

The washer chamber is provided with side rails and radius curbs which help center racks and protect the oscillating spray arms from damage during loading and unloading of the washer.

Optional Closed Circuit TV Camera

The 8" touch screen is capable of 32,000 colors of resolution which is perfect for an integral CCTV camera allowing operators on the loading side of the washer to view the clean side wash room area. Up to 4 CCTV cameras can be integrated into the touch screen controls package.



R700 SERIES HIGH EFFICIENCY CAGE & RACK WASHERS

APPLICATION

The BetterBuilt R700 Series washers are automatic, heavy duty, multi-cycle, single chamber, floor loading, hydrospray washers using an oscillating high-pressure spray system with heated, insulated solution storage tanks for fast cycle times, low utilities consumption and complete coverage.

MODEL	INTERIOR CHAMBER	EXTERIOR CABINET
	W x H x L	W x H x L
R730	48 x 88 x 90" 1219 x 2235 x 2286mm	92 x 108 x 97.5" 2337 x 2743 x 2477mm

Note: Model with acid tank - exterior cabinet dimensions are 117.25 x 108 x 97.5". Due to continued engineering improvements, specifications are subject to change without notice.

STANDARD FEATURES

- Single Door Cabinet
- Pit Mounted or Floor Mounted, Low Profile 6" Base
- All Stainless Steel Construction
- Insulated Double Wall Cabinet and Door
- Manual Swing-out, Hinged Doors
- Inflatable Door Gasket for Positive Seal
- Air Piston Door Lock
- Stainless Steel Perforated Floor in Lift-up Sections
- Stainless Steel Pump and Circulatory Piping
- Stainless Steel Tank Steam Coil Heating
- Automatic Tank Level Control
- Stainless Steel Heated Alkaline and Final Rinse Tanks
- Oscillating Manifold Spray Jet System
- Dedicated Wash and Final Rinse Piping, No Cross Contamination
- Automatic Cart Lock System for Bottle Washing Carts
- Adjustable Spray Patterns
- Temperature Guarantee During All Cycle Phases
- Automatic Self-Cleaning Filter System
- Drain Discharge Cool Down
- Interior Bumper Rails, Radius Curbs
- Chemical Injection Ports, Contacts and Fittings
- Pneumatic Operated Exhaust Damper
- Illuminated Chamber Interior
- Automatic Multi Phase Treatment Cycles
- Multi-cycle Microprocessor Control System
- 8 Fully Adjustable Programmed Cycles
- 8" TFT Color Touchscreen Control Panel
- Stainless Steel Control Guard
- Program Security via Pin Number Access
- Built-in Advanced Diagnostics
- Interior Emergency Stop Cable on Both Sides
- Emergency Stop Button at Door(s)
- Service Side Exterior Stainless Steel Panels
- Non-proprietary Components

OPTIONAL FEATURES

- Double Door Pass Thru Cabinet
- Left or Right Side Service Access
- Barrier Wall Trim to Close Wall Openings
- Seismic Anchoring
- Water Supply Temperature Booster
- Vapour Removal Condenser
- Power Exhaust Stainless Steel Blower
- Convection Air Dryer System
- Automatic Chemical Injection Pumps, Time Based
- pH Neutralization for Effluent
- Low Level Chemical Sensor
- Sampling Port
- Direct Facility Rinse
- Stainless Steel Heated Acid Tank
- Automatic Water Rack Flushing System
- VHP / Chlorine Dioxide Sterilization Capability
- Ethernet Connectivity to PLC or Touchscreen
- Factory Ethernet Connectivity for Online Diagnostics
- Modem Connectivity for Factory Diagnostics
- PLC and Touchscreen Program Backup
- Compact Flash Card for Data Collection
- RS485 Port for Data Download
- Impact or Thermal Cycle Data Printer
- Printer Cover
- CCTV Capability for Unload Side Camera
- Surge Protection
- Clean Side Buzzer
- Knocked Down Shipment

ACCESSORIES

BWC-9 Bottle Wash Cart	VHS-9-RD Vertical Cage Rack	UMR-9 Universal Mixed Rack
UC-6 Universal Cart	SPR-9 Split Processing Rack	MPR-9 Mice Processing Rack
UBC-6 Universal Basket Cart	UPR-9 Universal Processing Rack	ITR-6 Interior Tilt Rack