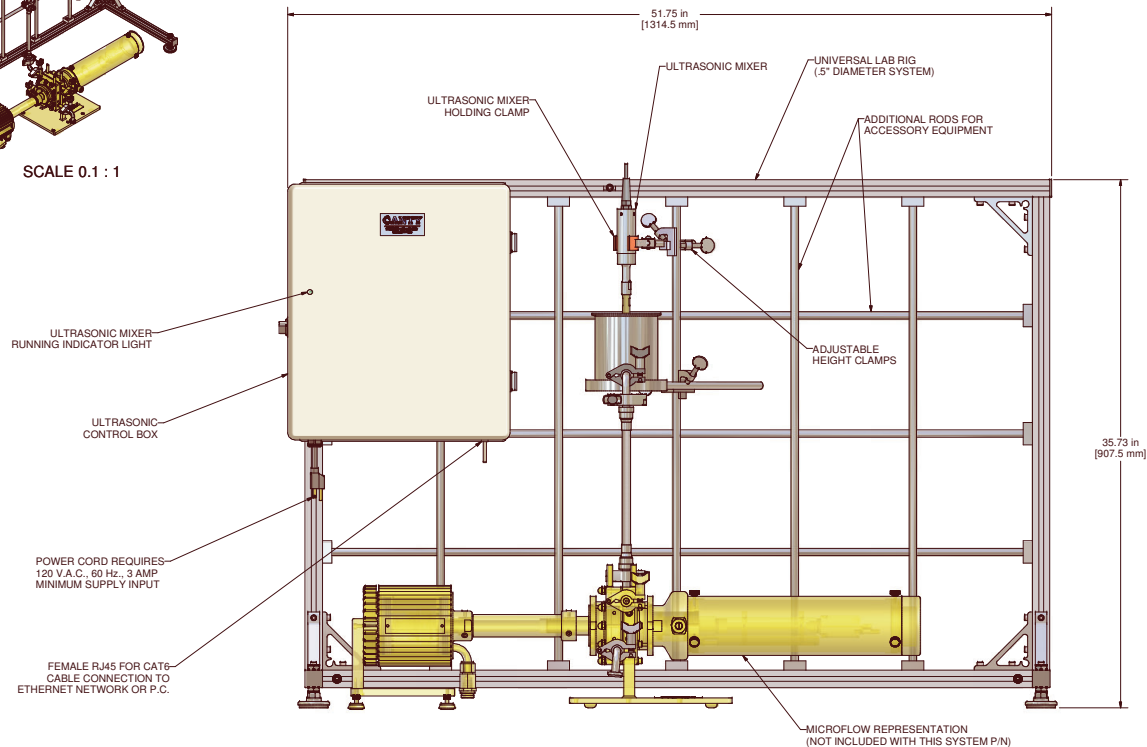
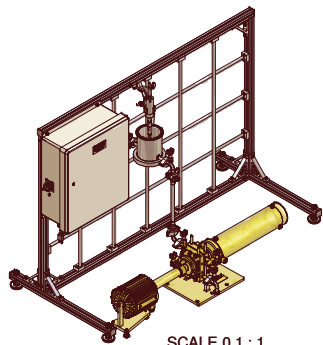
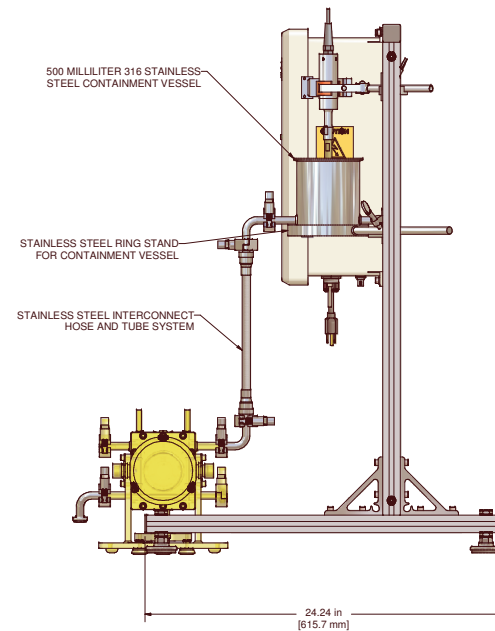


ULTRASONIC LIQUID SAMPLING SYSTEM



FRONT
SCALE 0.25 : 1



NOTES:

1. THE SYSTEM PART NUMBER VD10691-200 INCLUDES ALL EQUIPMENT SHOWN WITH THE EXCEPTION OF THE MICROFLOW. IT IS JUST A REPRESENTATION TO SHOW ITS LOCATION RELATIVE TO THE UNIVERSAL LAB RIG.
2. THE ULTRASONIC CONTROL BOX REQUIRES CANTYVISION CLIENT SOFTWARE ON A COMPUTER TO INITIATE AND CONTROL FUNCTIONALITY.
3. THE SAMPLE IS MIXED IN THE CONTAINMENT VESSEL AND FLOWS THROUGH THE STAINLESS HOSE AND TUBING TO THE MICROFLOW. THE SAMPLE TRAVELS THROUGH THE ANALYSIS CELL OF THE MICROFLOW AND EXITS OUT THE LOWER 90 DEGREE ELBOW TO BE RECOVERED.
4. THE SYSTEM CAN ALSO BE CONFIGURED TO MINIMIZE THE REQUIRED AMOUNT OF SAMPLE BY DIRECTLY COUPLING THE CONTAINMENT VESSEL DIRECTLY TO THE MICROFLOW ELIMINATING THE STAINLESS HOSE AND TUBING. THIS IS ALSO A BENEFIT TO REDUCE THE SAMPLE SPEED AT HIGHER MAGNIFICATIONS.
5. FOR PARTICLES THAT ARE WELL SUSPENDED OR HAVE HIGH BUOYANCY THE STAINLESS HOSE AND TUBING CAN BE CONFIGURED TO ENTER THE MICROFLOW IN THE LOWER SANITARY CONNECTION AND EXIT OUT THE UPPER CONNECTION.

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		<p>MFG. APPROVAL: PENDING DATE:</p>	<p>QUALITY CONTROL: I.O.A. DATE:</p>	<p>SIZE REVISION: D 0</p>	<p>FILE NAME: TD10691-210</p>	<p>SHEET 1 OF 1</p>	