ROTARY WASHER RA SERIES

Steriline ASEPTIC PROCESSING

STERILINE RA SERIES ROTARY WASHERS: are designed to process vials, ampoules, or cartridges with an output up to 9,000 p/h (150 p/m). The washing cycle can include ultrasonic bath, recycled water, new water, compressed air, siliconization, hot air drying and other options as required. Pressure and temperature of the various fluids are monitored to assure consistent performance. Glassware is processed in unidirectional way to prevent potential contamination. An integrated control system automatically controls each of the process parameters of the washer, according to various glassware size and type.

Process parameters are stored in recipes, which are password protected. Steriline has developed this small footprint rotary washer, which is suitable for clinical manufacturing, laboratory, pharmacy, and R and D applications. This washer can be fully integrated with a Steriline Compact Depyrogenation Tunnel, so that one operator can perform both operations. Further, a Steriline Filler/Capper, and Exterior Vial Washer can be added for a complete filling solution.

ST RA 10 17

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PROCESS CONTROL: The integrated control system includes a PLC and touch screen HMI display. Individual washing cycles are pre-programmed for each glassware type. Each process parameter is defined within the software and parameters are password protected. Controlled process variables include temperature, pressure, fluid spraying time, and cycle speed.

RA SERIES WASHING SYSTEM TECHNICAL DATA

COMMODITY	RA-V4	RA-A4	RA-AV4	RA-VK4
AMPOULE				
1 - 2 ml	NA	100	80	NA
5 - 10 ml	NA	50	40	NA
20 - 30 ml	NA	50	50	NA
TUBING VIAL				
2R - 4R	150	NA	150	150
6R - 8R	120	NA	120	120
10R - 15R	100	NA	100	100
20R - 30R	70	NA	70	70
MOLDED VIAL				
50H	30	NA	NA	30
100H	15	NA	NA	15
CARTRIDGES				
1 - 2 ml	NA	NA	200	130
5 -10 ml	NA	NA	300	195
20 - 30 ml	NA	NA	400	260

The indicated performance data shown in the table above is the maximum system performance, actual output depends on: Product properties and glassware.

All Steriline systems are designed and manufactured and in accordance with cGMP regulations and CFR21/PART11 compliance, are completely validatable, and suitable for use in FDA and EMA regulated facilities.

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