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Focus-Wash[®]

The New Standard in De-Fluxing

Focus-Wash[®]

Focus-Wash is Aqueous Technologies' unique combination of several wash methods which together "focuses" the wash solution into smaller, higher impact areas.

- ✓ New style spray system increases wash solution impact pressure 5x over previous models ¹
- ✓ New style spray arm doubles the quantity of spray nozzles ²
- ✓ New asymmetrical spray nozzle placements produce 10 concentric spray patterns ²
- ✓ New oscillating board rack eliminates "blind spots" by creating infinite impingement angles ³
- ✓ New multi-stage high performance spray pump designs optimize the pump/nozzle design to provide increased pump performance and efficiency ⁴

Rationale

¹ When compared to previous models, the nozzle's spray angle is decreased from 50° to 15° and the flow rate is increased approximately 60%. This improves several important factors. The wash solution's impact pressure increases nearly fivefold. Furthermore, the wash solution's higher velocity is able to better reach between boards.

² Previous spray arm designs used 8 nozzles symmetrically located around the spray-arm's midpoint, creating 4 concentric wash patterns. The new design uses 10 nozzles, but arranges them to create 10 concentric spray patterns

³ The previous designs produced the same wash pattern "over and over". The oscillating the board rack adds a new dimension to the system. The "stroke" of the oscillating board rack is approximately equal to the nozzle spacing, thereby, guaranteeing no blind spots and creating multi-directional impingement.

⁴ The pumps selected for the new Focus-Wash spray system are optimized to ensure they meet their published best efficiency point. The result is better pump utilization, longer pump life, and lower electrical costs.