

## Specifications - Zoom Microplate Washer for Filter Plates

<b>General Specifications:</b>	
<i>Weight:</i>	94 lbs.   42.3 kg
<i>Overall Dimensions: (With 30 plate magazines installed and allowance for cable clearance)</i>	23 width x 22 depth x 24 height (Inches) 58 width x 56 depth x 61 height (Centimeters)
<i>Power Requirements:</i>	115 / 230 V, ± 10 %, 60 / 50 Hz
<i>Power Consumption:</i>	100 VA (Typical)
<i>Fuses:</i>	2.0 A @ 120V, 1.0 A @ 220V
<i>Operating Temperature Range:</i>	50° F to 104° F   + 10° to + 40° C
<b>Dispensing Accuracy</b>	
	<b>Manifold with 10ml Syringe</b>
	Better than 1% @ 25µl - 96 well plates
	Better than 1% @ 25µl - 384 well plates
<b>Dispensing Precision</b>	
	<b>Manifold with 10ml Syringe</b>
	CV <5% @ 25µl - 96 well plates
	CV < 2.5% @ 100µl - 96 well plates
	CV <5% @ 25µl - 384 well plates
	CV < 3.5% @ 50µl - 384 well plates
<b>Dispensing Details</b>	
<i>Liquid path materials:</i>	Glass, Teflon and Kel-F
<i>Dispensing Method:</i>	10ml syringes, positive displacement
<i>Plate Types:</i>	96 well or 384 well Standard
<i>Selectable speeds aspirate/dispense:</i>	Fast, Medium & Slow
<b>Throughput</b>	
<i>Aspirate 200µl from a 96 well plate</i>	28 seconds per plate
<i>Dispense 200µl / Aspirate / Dispense 200µl / Aspirate / Dispense 200µl / Aspirate</i>	95 seconds per plate
<b>Instrument Details</b>	
<i>Computer Required?</i>	No
<i>Interface:</i>	RS232
<b>Titertek Catalog Number</b>	
<i>Zoom Washer for Filter Plates</i>	0906320