

Specifications - Zoom Microplate Washer

For 96 well or 384 well plates

General Specifications:	
<i>Weight:</i>	89 lbs. 40.05 kg
<i>Overall Dimensions:</i> <i>(With 30 plate magazines installed and allowance for cable clearance)</i>	27 width x 22 depth x 24 height (Inches) 69 width x 56 depth x 61 height (Centimeters)
<i>Power Requirements:</i>	115 / 230 V, ± 10 %, 60 / 50 Hz
<i>Power Consumption:</i>	80 VA (Measured at 230 V, 50 Hz)
<i>Operating Temperature Range:</i>	50° F to 104° F + 10° C to + 40° C
Dispensing Accuracy	
	Manifold with 10ml Syringe
	Better than 1% @ 25µl - 96 well plates
	Better than 1% @ 25µl - 384 well plates
	96 Well Manifold with 50ml Syringe
	Better than 2 % across the plate @ 100µl
Dispensing Precision	
	Manifold with 10ml Syringe
	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
	96 Well Manifold with 50ml Syringe
	CV < 5.0% @ 100µl
Dispensing Details	
<i>Liquid path materials:</i>	Glass, Teflon and Kel-F
<i>Dispensing Method:</i>	50ml and 10ml syringes, positive displacement
<i>Plate Types:</i>	96 well or 384 well Standard
<i>Selectable speeds aspirate/dispense:</i>	Fast, Medium & Slow
Instrument Details	
<i>Computer Required?</i>	No
<i>Interface:</i>	RS232
Titertek Catalog Number	
<i>Zoom ZW Washer</i>	0906310