

VALEPORT LIMITED
12 Bottle Niskin Rosette Rack
Operation Manual

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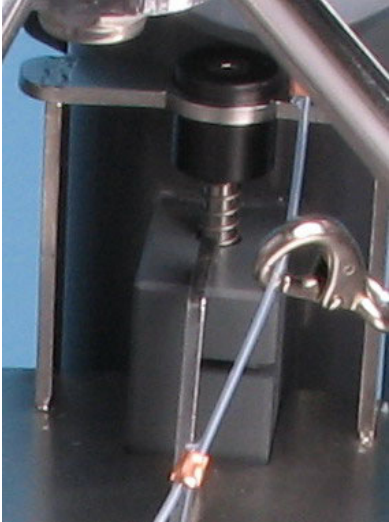
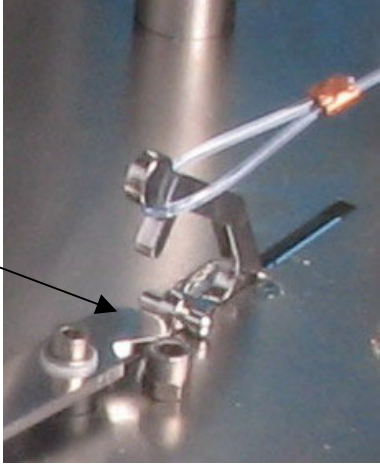

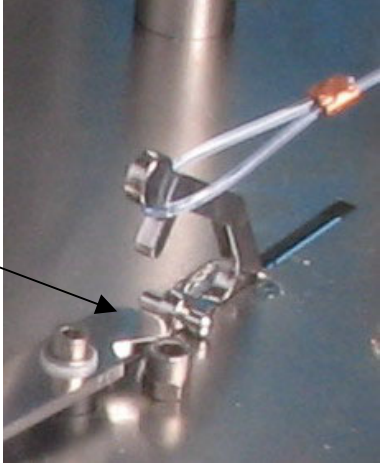
Valeport Limited,
St. Peter's Quay,
Totnes,
Devon, TQ9 5EW,
UK

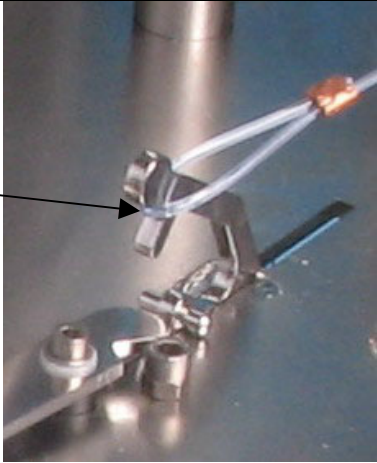
Tel: +44 (0)1803 869292
Fax: +44 (0)1803 869293
e-mail: sales@valeport.co.uk
Web: www.valeport.co.uk

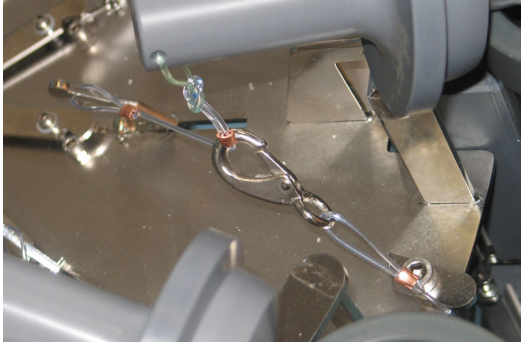
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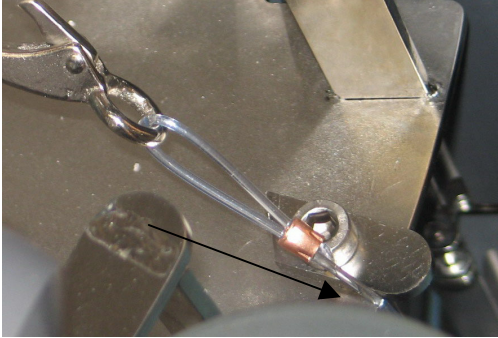
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	<p style="text-align: center;">Manual for Niskin Rosette Rack</p>	<p style="text-align: center;">Model 60.000</p>
	<p>The rack is manufactured from AISI 316 stainless steel and has a capacity of 12 Niskin water samplers. (Maximum 5 litres each).</p> <p>The release system is motor driven (12 Volt DC) and can be released manually or fully programmable by mounting of an optional time lapsed trigger (60.010).</p>	
	<p>Preparation</p>	
<p>1</p>	<p>The bottles must be mounted one by one, starting from a random position on the rack.</p> <p> Caution</p> <p>By mounting the bottles, first align the bottom tap to the bracket of the bottle.</p>	

<p>2</p>	<p>While pressing down the black knob, gently push the upper end of the bottle towards the middle of the rack. When the bottle is in correct position, release the knob and ensure the sampler is locked in position.</p> <p> Caution</p> <p>After completing step 1 and 2, make sure the bottle has been secured at both ends, otherwise it might be lost during the sampling.</p>	
<p>3</p>	<p>Each Niskin bottle must be mounted and prepared, one by one.</p> <p>Push the release bracket towards the middle of the rack. Turn the small horizontal pawl in order to secure the bracket.</p>	
<p>4</p>	<p>The nylon cord from the upper lid of each Niskin bottle has to be mounted on the upper side of the release bracket as shown.</p> <p> Caution</p> <p>Mounting below the hook will prevent the release of the bottle.</p>	

<p>5</p>	<p>The bottom lid of each bottle has to be pressed towards the middle of the rack and secured with the snap hook.</p>	

	 <p>Caution</p> <p>The nylon cord MUST be attached on the left side of the bracket to ensure the top lid is in correct position.</p>	

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Spare parts		
68.001	1	PVC top or bottom part,
68.002	1	Plastic air valve with seat and O-ring
68.003	1	Plastic valve for water outlet, with O-rings and stop ring
68.004	1	Latex rubber band with plastic assembly device and 2 strips
68.005	1	Nylon release line for rosette rack
68.006	1	Nylon release cord, ø2 mm, for free hanging water sampler.
68.007	1	PVC handle, only for 5-liters and larger models.
68.008	1	O-ring for Niskin sampler. Required 2 pcs/each bottle.

