

AMI Water Flume with Programmable Wave Maker

AMI Water Flume with Programmable Wave Makers are Suitable for over and under water tests, Breakwater tests, Vessel tests and Wave simulation.

- **AMI Water Flume with Programmable Wave Maker** including Water Flume, Actuator & Paddle, Control Cabinet, Sensor Connection box, Software & PC and Level sensor is a highly sophisticated equipment that combines all your requirements for testing purposes.
- **AMI Water Flume** specifications:
 1. Available in eight types from 6000mm to 21000mm length with two dimension of height and width (700&500mm – 1000&800mm).
 2. 10mm tick plexiglass transparent walls and floor and strong columns make it suitable for putting specimens and observe the testing procedure.
- **AMI Wave maker Actuator & Paddle** specifications:
 1. Related to the flume dimensions, two types of actuator and paddle are available.
 2. Actuator EMA-125-700-200-650 with 700*500mm paddle size
 3. Actuator EMA-125-1000-500-800 with 1000*800mm paddle size
 4. One axis or two axes actuator could be used (1 DoF/2 DoF)
- **AMI Wave maker software** specifications:
 5. Fixed excel input file and Feedback control (Dynamic control) mode for wave production could be implemented.
 6. All data from sensors save in excel format.
- **AMI Wave maker Sensor & Sensor Connection** specifications:
 1. Sample rate is 1kHz/ch for height sensors.
 2. Up to 4 Chs are available to be connected to the sensors.



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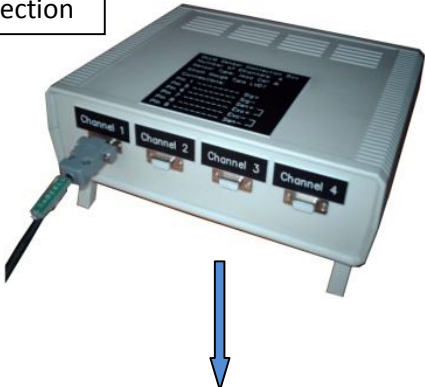


Actuator & Paddle



Height Sensors

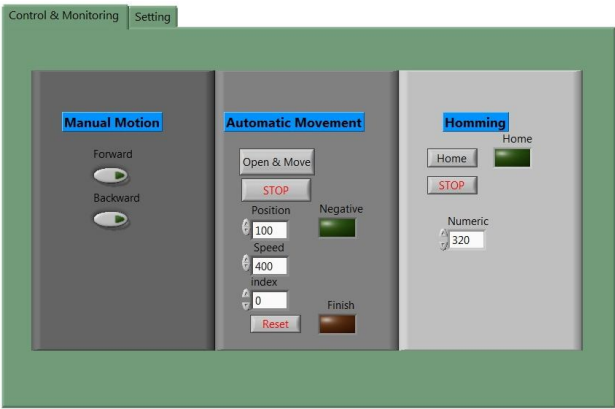
Sensor Connection



Control Cabinet



Software & PC



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Water Flume with Programmable Wave Maker Order Registration																																																																							
<ul style="list-style-type: none"> ● Applicator information <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">Name :</div> <div style="width: 45%;">Firm Name :</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">e-mail :</div> <div style="width: 45%;">Phone Number :</div> </div>																																																																							
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<ul style="list-style-type: none"> ● Water Flume Type <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #ffff00;"> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Selective</th> <th>Water Flume</th> <th>Size (Height-With)</th> <th style="writing-mode: vertical-rl; transform: rotate(180deg);">Selective</th> <th>Length (mm)</th> <th>Actuator Type</th> <th>Stroke (mm)</th> <th>Max. Force (Kgf)</th> <th>Max. Speed (mm/s)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td>6000-</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td>9000-</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr style="background-color: #d3d3d3;"> <td><input type="checkbox"/></td> <td>WF-</td> <td>700-500</td> <td><input type="checkbox"/></td> <td>12000-</td> <td>EMA-125-</td> <td>700-</td> <td>200-</td> <td>650</td> </tr> <tr style="background-color: #d3d3d3;"> <td><input type="checkbox"/></td> <td>WF-</td> <td>1000-800</td> <td><input type="checkbox"/></td> <td>15000-</td> <td>EMA-125-</td> <td>1000-</td> <td>500-</td> <td>800</td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td>18000-</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td>21000-</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>									Selective	Water Flume	Size (Height-With)	Selective	Length (mm)	Actuator Type	Stroke (mm)	Max. Force (Kgf)	Max. Speed (mm/s)				<input type="checkbox"/>	6000-								<input type="checkbox"/>	9000-					<input type="checkbox"/>	WF-	700-500	<input type="checkbox"/>	12000-	EMA-125-	700-	200-	650	<input type="checkbox"/>	WF-	1000-800	<input type="checkbox"/>	15000-	EMA-125-	1000-	500-	800				<input type="checkbox"/>	18000-								<input type="checkbox"/>	21000-				
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