

Materials List for:

Measurements of Waves in a Wind-wave Tank Under Steady and Time-varying Wind Forcing

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Materials

| Name | Company | Catalog Number | Comments |
|---|----------------------|----------------|---------------------------------|
| PSD | THORLABS | PDP90A | |
| Laser Diode | | | any laser pointer ≤ 200 mW |
| Aspheric Fresnel Lens | EDMUND OPTICS | #46-390 | Diameter 10.4", Focal length 9" |
| Wave-gauge | | | custom made |
| Pressure Transducer | MAMAC SYSTEMS | PR-274-R2-VDC | |
| Signal Conditioner | | | custom made |
| Diffusive screen | EDMUND OPTICS | #02-147 | |
| Water tank | | | custome made |
| A/D card PCI-6221 | National Instruments | 779066-01 | |
| Pitot tube | KIMO Instruments | 12971 | |
| 15° Nom. VIS-NIR Coated, Wedge Prism | EDMUND OPTICS | #47-624 | |
| 10° Nom. VIS 0° Coated, Wedge Prism | EDMUND OPTICS | #49-444 | |
| 2.5° Nom. Fused Silica Wedge Prism Uncoated | EDMUND OPTICS | #84-863 | |
| 4° Nom. Uncoated, Wedge Prism | EDMUND OPTICS | #43-650 | |
| 5.0° Nom. Fused Silica Wedge Prism Uncoated | EDMUND OPTICS | #84-865 | |
| LabView Full Development System | National Instruments | 776670-35 | |