



**VALEPORT MINI SVP**  
**INSPECTION CHECKLIST**

**Customer:**  
**Job Number:**  
**Asset Number:**

**Date of Inspection:**  
**Pre/Post Rental:**  
**Serial Number:**  
**Checked by:**

	PASS	FAIL	N/A
Calibration Date of Minisvp:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure unit is still within calibration period (2 Years).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unscrew the black cap covering the pressure and ensure the pressure sensor beneath is free of debris and there is no damage to the sensor diaphragm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Open unit and check voltage of the C cell battery. Replace if required and check condition of O-rings.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Connect unit to computer using the test Y-lead and connect to software as below.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Open Valeport software (Datalog Express or X2) and connect to the unit (Baud: 115200, 8, N, 1 is default but may be different if client has changed it).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download all client data and back up onto client data hard drive. Delete all data on unit once uploaded data has been checked.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Set up unit to run continuous at the highest frequency, set tare and synchronise time and date.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Set to view data real time and ensure the pressure tare has been set, the temperature is reading right and sound velocity is reading 0 in air. Place unit in bucket of water and ensure all the readings change as expected - SV should now change from 0 to for example 1478 m/s. Allow unit to stabilise for 15 minutes in the water.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interrupt unit and set frequency to 1 then set unit to read with switch plug.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Place unit in test tank with switch plug installed (for at least 15 minutes). If possible place another unit in with it (ensure the other unit is recently calibrated if possible).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Download collected data off unit and check it was reading correctly compare data against other units data.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If all is correct delete all data off unit and disconnect from computer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Next, connect a 12-24VDC power supply to the Y lead and ensure the unit can be powered from external power. May be necessary to remove internal battery to ensure it works on external power.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure a brand new internal C cell battery is installed in unit after workshop testing is complete.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure switching plug isn't installed in unit when packed away in transit case (risk of depleting battery if left plugged into unit).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clean up unit and replace labels if required (includes baud rate and asset labels).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Check all the spares in the spares kit are present and in good condition.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure there is a brand new C cell battery in the spares kit. Check it has full voltage and is in a sealed bag.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure calibration date of unit is correct in AX.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Qty	Package unit in transit case complete with:	Tick as required
1	Valeprt Mini SVP	<input type="checkbox"/>
1	Deployment Cage	<input type="checkbox"/>
1	Strop cw/ 3x ST Shakles	<input type="checkbox"/>
1	Test Y-lead	<input type="checkbox"/>

1	Switch Plug	<input type="checkbox"/>
1	Manuals	<input type="checkbox"/>
1	USB Containing Software & Manuals	<input type="checkbox"/>
1	Small Accessories Box	<input type="checkbox"/>
1	Spare O-Rings	<input type="checkbox"/>
1	RS232 To USB Adaptor	<input type="checkbox"/>
1	Serial Adaptor Software CD	<input type="checkbox"/>
1	Allen Key/ Screwdriver	<input type="checkbox"/>
1	Spare C-Cell Battery	<input type="checkbox"/>
1	Calibration Certificate	<input type="checkbox"/>
1	MSDS Sheet	<input type="checkbox"/>
1	Transit Case	<input type="checkbox"/>

Comments:	
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