

Instrument type	miniSVS - SV only
Serial number	63351
Path Length, mm	50
Baud rate set ex factory	19200

Calibration History:	Certificate	Date
	52760	14 February 2018
	61592	23 December 2019
	68420	07 September 2021
	77154	22 May 2023
	88200	17 April 2025

System Components	As Received				Modification				Modification				Modification						
	Part	Iss	Serial Number	Range / Firmware	Part	Iss	Serial Number	Range / Firmware	Part	Iss	Serial Number	Range / Firmware	Part	Iss	Serial Number	Range / Firmware			
Main Board	0650505	F4	142979	0650713C6				0650713C8											
				0650714C															
SV Sensor			142983																
Bootloader Fitted	YES																		
Name					#	Name				#	Name				#	Name			
Date					#	Date				#	Date				#	Date			
Signed						Signed					Signed					Signed			

Instrument Serial Number	63351
Transducer Type, mm	50
Transducer Ser No	142983
PCB Part No	0650505F4
PCB Ser No	142979
Processor Firmware Version	0650713C8
FPGA Firmware Version	0650714C
Certificate Number	88200

Calibration Equipment used		
Instrument	Type	Serial No
Temp Bridge	Micro K	33492/1
PRT	909M	381

Stage 1: First order fit

Temp °C90	SoS from Bilaniuk & Wong m/s	Measured ToF nsec*100	Coefficients	Calc SoS from coefficients m/s	Error (Calc - True) m/s	Acceptable Error m/s	Pass/Fail
3.0971	1417.444	7424965	3.936730E+05	1417.444	0.000	±0.001	Pass
16.1173	1469.800	7174504	1.003365E+07	1469.800	0.000	±0.001	Pass

Stage 2: Enter calibration string

#022;10033650;393673

Stage 3: Check point

Temp °C90	Actual SoS m/s	Measured SoS m/s	Error SoS Reading- Actual m/s	Acceptable Error m/s	Pass/Fail
16.1173	1469.800	1469.799	-0.001	±0.005	Pass

Name:	N.Paddon
Date:	11 April 2025
Signature:	