

Calibration Intervals for Sea-Bird and other CTD Instrumentation

Model	Parameter	Manufacturer Recommended Calibration Interval		Cost, 2013
		Without Use Since Last Cal	With Periodic Use	
SBE 3 _{plus}	Temperature	1 year	1 year	\$165
SBE 4	Conductivity	1 year	1 year or when bottle salts indicate	\$280
SBE 5T	Pump	10 years	1 year (impeller maintenance)	\$55
SBE 9	Pressure (Digiquartz)	2 years to SBE for max pressure verification, etc 6 months – Determine offset in-house	2 years to SBE for max pressure verification, etc 6 months – Determine offset in-house	\$1070
	Master Clock	1 year – In-house check	1 year – In-house check	
SBE 21	Temperature	1 year	1 year	Con&Cert \$195 + Cal \$440
	Conductivity	1 year	1 year or when bottle salts indicate	Included above
SBE 29 for SBE25	Pressure (Strain gage)	6 months – Determine offset in-house	6 months – Determine offset in house	
SBE 32	Carousel		2 years for clean, refurbish, install latest mods...	
SBE 39	Temperature	1 year	1 year	Cal \$155 + Con&Cert \$75
	Pressure	6 months – Determine offset in-house	6 months – Determine offset in-house	\$125
SBE 43	Dissolved Oxygen	1 year Follow cleaning and storage procedures per SBE Application Note 64	6 months, or when Winklers indicate Follow cleaning and storage procedures per SBE Application Note 64	\$355
SBE 45	Temperature	1 year	1 year	\$125cert + \$440cal + \$50antifoul
	Conductivity	1 year	1 year or when bottle salts indicate	Included above
Biospherical PAR & SPAR	Irradiance	2 years	1 or 2 years – Keep Teflon ball clean, watch for dents, dings and scratches on ball	\$259 previously
WL CST -25cm	Light Transmission	1 year	1 year	\$700
WL WS3S	fluorescence	1 year	1 year	
WL FLRTD	fluorescence			\$600