



Hobi Instrument Services

HydroScat-2 Calibration Certificate

Cert Date: May 8, 2021

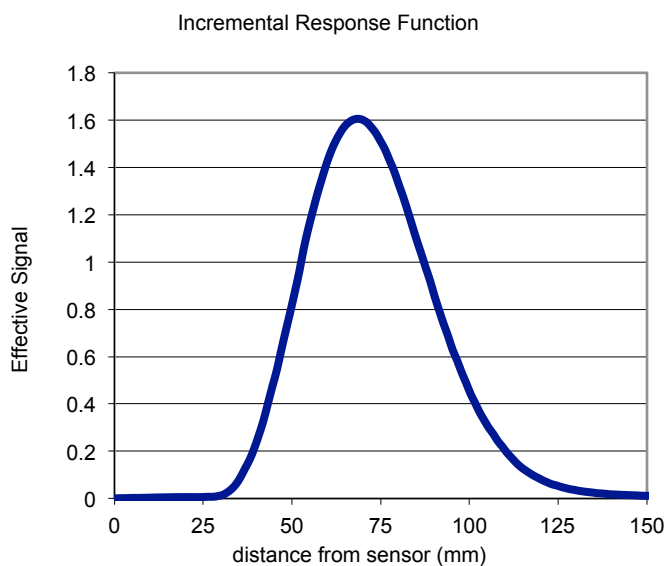
Serial Number H2070752

Configuration BOT1F1

Channel 1: bb420

mu:	4.702
mu Rho:	1.1
SigmaExp:	0.153
TempCoeff:	-0.0007

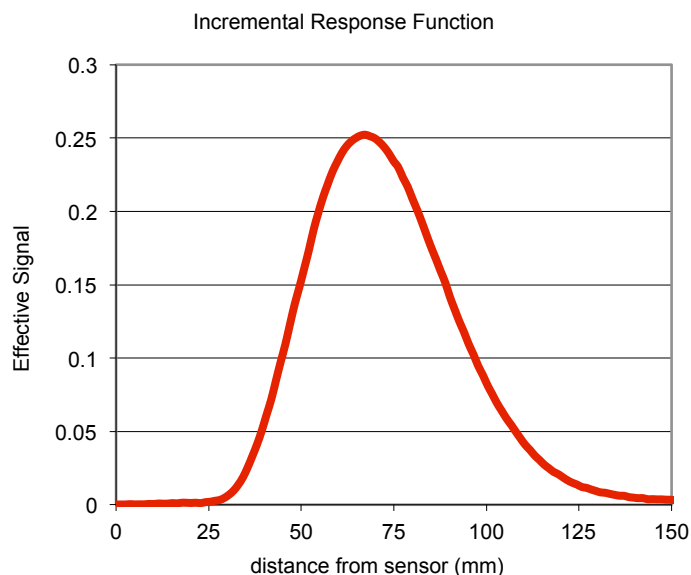
	Gain Factor	Dark Offset
Gain 1:	0.106	9
Gain 2:	1.000	13
Gain 3:	9.815	14
Gain 4:	89.15	17
Gain 5:	987.1	52



Channel 2: bb700

mu:	27.65
mu Rho:	1.1
SigmaExp:	0.153
TempCoeff:	0

	Gain Factor	Dark Offset
Gain 1:	1.000	4
Gain 2:	9.574	2
Gain 3:	94.086	9
Gain 4:	854.54	25
Gain 5:	9718.2	126





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Cert Date: May 8, 2021

Serial Number H2070752

Configuration BOT1F1

Depth Cal Dat 5/7/21

Depth Calibration

Coefficient: 0.011 meter (sea water) / count
Offset: 27.4 meters (sea water)

$R^2 = 1.000$

