

Technical Note 997-103_TN002_081222

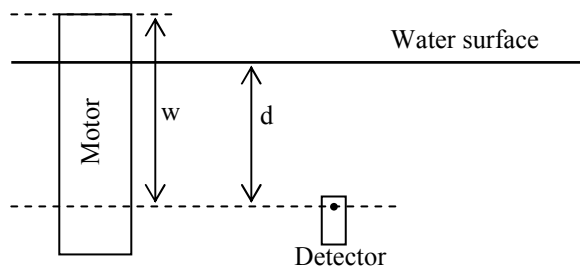
OmniPro Accept

Module: Blue Phantom, Acrylic Phantom

Calculation of Water Surface Correction

Description:

The Water Surface Correction compensates the measurement depth for the rise of the water surface due to submerge of the motors.



d = measurement depth from water surface to the effective measurement point

w = water surface correction as entered in detector definition. It is the distance from the top of the motor to effective measurement point of the detector.

c = water surface correction factor, determined by the water surface area of the selected phantom. For Blue Phantom the factor is 43.

If $d \leq w$: correction = $d * c / 10000$

If $d > w$: correction = $w * c / 10000$

In case of any further questions, please contact us under:

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