



Figure 22. A photograph of a 5-MHz Ocean Acoustic Doppler Velocimeter (ADV) manufactured by SonTek corporation. On the 10-MHz ADV, the transmitters and receivers are attached to the conditioning module via an adjustable cable. The ADV measures water flow in a small volume of water below the transducer assembly using the Doppler shift of sound that occurs when three beams reflect from scatterers in a small measurement volume. This photo is courtesy of SonTek.