

# Citadel CTD



Teledyne RD Instruments has stepped outside of its core Doppler technology with the introduction of their new Citadel CTD (Conductivity, Temperature, and Depth) product line. The company recently purchased the entire line of Conductivity, Depth, and Temperature (CTD) products from Falmouth Scientific Incorporated (FSI).

The CTD line includes the patented non-external inductive cell (NXIC) that has acquired a solid reputation for robust operation in shallow, fouling environments. This product line delivers technology that is complementary to Teledyne RD Instruments ADCP products. The addition of this product line represents an opportunity for Teledyne RD Instruments to expand its product offerings and deliver turn-key solutions to its worldwide customer base.

CTDs are used extensively around the globe for the measurement of temperature and salinity, but also for the important derived parameters of density and speed of sound. They are often used in concert with ADCPs to gain a understanding of the ocean's complex physical environment.