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Rhosonics is dedicated to help dredgers to create a safe and pleasant working environment on their dredging vessels. We offer non-nuclear technology for density measurement on dredging vessels to eliminate all costs, health and safety risks related to radiation-based measuring instruments. Radiation inspections or safety training is not needed anymore thanks to the ultrasonic technology. The Rhosonics density meter is useful to monitor the density of the slurry during the dredging process. The instrument helps to avoid pump obstructions and to complete dredging projects more efficiently, which reduces the total time spend on a project.

Rhosonics has developed the ultrasonic [SDM density meter](#) to measure the density of dredging slurries without a radioactive source. Rhosonics has considerable experience in inline measurements on different types of dredging vessels, our non-nuclear density meters have been developed and improved since 2009. The SDM device is easy-to-use, without need for any license and gives reliable density values to monitor and improve the production output. The instrument can be controlled (for calibration) via an [RCU Remote Control Unit](#) or via HART communication. We believe that our instrument is an excellent alternative to radiation-based density meters.

Please see the video below to learn more about the SDM technology:
https://youtu.be/LRg0dVr_lhw

Rhosonics has written several case studies and client references about their technology which can be requested. Please contact us and we are happy to provide these documents to you.

Download links:

- Download the SDM Brochure: [English](#) - [French](#) - [Spanish](#) - [Portuguese](#)
- Download the SDM WT brochure: [English](#)
- Download the SDM Case Study: [Dredging](#) - [Comparison test](#)

