



## **Data measurement by Acoustic Thermography**

### **Method of river model**

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Acoustic tomography water data metering device is among the latest engineering achievements in measuring the parameters of rivers such as velocity, flow, temperature and salinity of water. In this technology, using advanced mathematical methods, water environment data is recorded and processed, and important water parameters are measured with high accuracy.

[www.acouinfo.com](http://www.acouinfo.com)

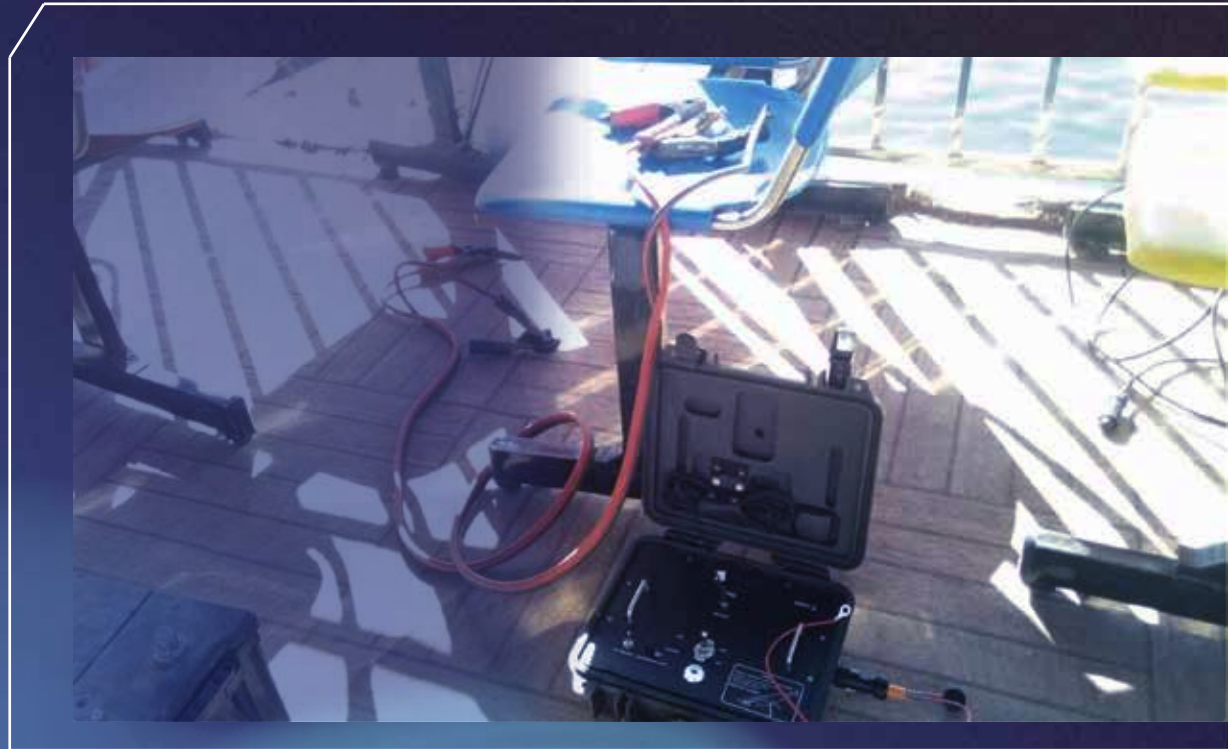


## Features /

- Measurement of water parameters in the whole section of the river
- No need for equipment such as boats, cable cars and special infrastructure
- Suitable for all types of shallow and deep rivers
- Suitable for monitoring very severe flood currents



- No need for specialized manpower to take data and set up the device
- No human intervention during data collection and maintaining user safety
- Fixed location of device equipment during data collection Convenient and fast setup in portable mode





## Innovative Points /

- Ability to display instant results
- Lightweight and high operating speed
- Data storage for a long time
- Transfer recorded data to computer via Bluetooth and Wi-Fi
- Ability to receive and view information online via the Internet
- Can be used in any weather conditions
- Can be used in shallow rivers with a minimum depth of 25 cm
- Calculate water flow velocity in the range of m 20 m / s with an accuracy of 0.1 cm / s
- Calculate the instantaneous water temperature with an accuracy of 0.03 ° C



## Contact Us /

<https://acouinfo.com/contact-us/>

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