



aquiba  
innovation in action

Aquiba  
Tomorrow's water  
meters today

## About Aquiba

Aquiba is a joint venture between Sentec and Takahata Precision, two established companies with complementary expertise, to provide **world class smart water meters**.

Sentec, based in Cambridge, UK, is the world leading supplier of smart grid and metering technology, specialising in **world class smart metering solutions** for water, gas and electricity. Sentec's technology is already inside over 10 million electricity and water meters worldwide.

Takahata Precision is a Japanese owned, worldwide manufacturing company with extensive expertise in mechanical design, high precision moulding and product assembly for demanding applications. Takahata has **modern, high volume manufacturing** capacity coupled with **world-class quality management** systems.

Takahata's specialist knowledge of manufacturing combined with Sentec's smart technology has enabled the step change that is Aquiba.

Aquiba aims to work with utilities to help them achieve their goal of managing intelligent water networks through the innovation of smart water meters that provide unrivalled metrological performance, functionality and longevity – innovation in action.



## A better meter or a smart meter?

The A200 water meter is not just another standard measuring device which tells the water company how much to charge. It is much more – **it is a platform for intelligent water networks.** Featuring Sentec's **Sterling® mag-flow water metering technology**, it provides world class metrology as standard, far out-performing mechanical meters, especially at **low flow rates and over the full service lifespan.** This excellent and stable metrology is just the first building block of Aquiba's proposition to the water industry.

Key features include:

- **World leading metrology**
- **Accuracy even at low flow rates** over the full 20+ year lifespan
- **No moving parts**
- Accurate **time-stamping** of all consumption
- Comprehensive **data archiving**
- **Data retrieval by radio** or optical port
- Customisable and **field-upgradeable** application firmware
- **Future-proof** – generous processor and memory capacity.

In one new product, Aquiba :

- **solves the problems** caused by poor metrology and meter wear
- enables water companies to **build innovative systems** and business applications
- allows these applications to **adapt to future requirements.**

In an uncertain world of structural change in the industry and changes in water availability, water companies need to invest in flexible infrastructure that can be managed for optimum efficiency. A key component of good management is good measurement, and Aquiba offers the best.

For the household, the A200 provides information accurately relating consumption to time of use, allowing consumers to take control of their water bills by making informed decisions about how they use water and what appliances they buy.



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For further details about Aquiba products please see our website [www.aquiba.com](http://www.aquiba.com) or request further literature and information from:

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