

ULTRASONIC FLOW METERS

DEVELOPMENT - PRODUCTION - COMMERCIALISATION

ENGINEERING SERVICES

History

Baxir is a company founded by Guillaume Girardot, a French engineer with years of experience in flow measurement. Offices are located 25 km north of Paris in France.

Development started in 2019 with a first ultrasonic flow meter for permanent installations. Prototyping and on site tests were conducted throughout 2020.

By the end of 2021, the B9W flow meter electronics reached its third version, in accordance with a continual improvement process. Commercialisation as well as engineering services started, with in particular the set up of an international representative network.



Products

Baxir offers bidirectional, precise and repeatable ultrasonic transit time flow meters. They measure flows of homogeneous liquids such as water (all kinds), refrigerant fluids, alcohols, chemicals, drinking beverages. They have a new ultrasonic signal treatment with a strong reliability which makes the configuration easy for the user and adapts to degraded signals.

Our flow meters have many features and options, such as heat quantity for closed loop heating and cooling systems, different types of transducers and cables, AC and DC power supplies, temperature inputs, relay and analog outputs, communication protocols through RS485 and USB, convenient and safe wiring compartments.



Services

In addition to our products, we offer a wide range of engineering services. We do on site installations and complete integrations for customers requiring a turnkey solution. Integration covers aspects such as defining, supplying and setting up electrical cabinets, power supplies, protections for transducers and cables for outdoor installation with rough weather conditions, etc.

We provide training solutions for your teams and expertise services as well, on and off site. Finally, we have an after-sales service for the calibration, maintenance and reparation of your equipments.

Rental

Baxir has a fleet of rental flow meters for customers who have occasional flow measurement needs. We rent complete kits, with or without engineering support, on a daily basis. Flow meters can function up to 36 hours on battery and can be connected to a power supply source if the measurements are longer than that. Rental kits can be directly sent onsite or picked up from our sales office.

Research & Development

Baxir has its own engineering department focusing only on ultrasonic flow meters.

Among the engineers, there is an electronics one specialized in analog signal treatment for the heart of our flow meters that is to say the ultrasound emission and reception. Others have long experiences in flow measurement or software development.

We use the most recent electronic components and thanks to a thorough work on both the electronics and embedded software, we can offer much more competitive products compared to the European market equivalents, without any compromise on the quality and performances.

Our products have been developed to be easy to use. This means that even on a difficult application, the signal treatment is automatic and does not require the configuration of many complicated parameters.

Finally, we have developed our products to be durable : no planned obsolescence and consequent safety margins during the mechanical and hardware development to ensure the best possible reliability even after many years of service.



Production

Baxir produces all its instruments in France.

Our factory is equipped with an internally developed test bench and many dedicated tools such as high precision scales and a vacuum box for the resin, positioning tools to place ceramic plates on their prisms, etc. We thus ensure an excellent reproducibility.

All of our products are tested and for each of them, a report is provided to the customer. We keep in stock an important quantity of devices and spare parts to ensure short delivery times.



Contact

Offices and factory are all located in Domont, France. Sales and services for France are handled from our sales office in Domont. Sales and services outside France are handled by our distribution network: ask us for their contact details.



Baxir SAS

13 rue de la Briqueterie
95330 Domont
France

☎ +33 6 70 59 45 50

✉ contact@baxir.fr

🌐 baxir.fr