

ENTRY-LEVEL MULTIBEAM FOR NEAR-SHORE SURVEYS

RESON HydroBat™



**EXPEDITION
READY**

www.reson.com

RESON


the entry-level multibeam for near-



Cost-efficient near-shore inspection

Job done – and you finished in record time. It used to take a week with your old single-beam echosounder. Not any more. With the RESON HydroBat™ it took just three days. And it all went so smoothly. HydroBat felt like a quality piece of kit; but it was compact and easy to handle. It performed like a full-blown professional multibeam echosounder; but you paid half the price. Now the data you collected is in good shape on your hard drive, and it's time to make your report... or perhaps not. After all, you've got plenty of time.

Performance when you need it most

HydroBat is a hi-res multibeam echosounder that's big on savings. The first is set-up time. And with hi-res multibeam echosounding, you cover more ground faster, saving you time aboard your survey vessel. No need to wait around for good weather. HydroBat's roll stabilisation maintains a full 120-degree swath in rough water. Once your survey's done, the quality of the data on your hard drive will beat all international standards – and save you desk time. But best of all, you'll have saved half the cost of a full-blown system – and you'll have a RESON echosounder that's ideal for near-shore applications, such as surveying harbours, ports and rivers, and mapping fishery habitats. If your surveys take you to deeper waters, with HydroBat you're already on the upgrade path for the world's leading ultra-hi-res sonar systems. Just think of all the time and effort you'll save with no new system to learn. Not to mention the cost.

shore surveys



Gear you can count on

The sea is unpredictable. It demands strength and resilience from those who fall under its spell. And it has driven RESON's passion for innovation and exploration for more than 30 years. Today, the RESON name is the hallmark of sonar gear you can count on. All of our multibeam systems are high on performance, and low on cost of ownership. And almost all of the 1,100 RESON multibeam echosounders sold worldwide are still getting the job done 20 years on. That's strength. And resilience. No wonder RESON is the first choice for leaders of expeditions and hydrographic surveys all over the world. RESON is expedition-ready. Are you?



One fully integrated processor is all you need to get up-and-running fast, and get your survey done in record time.



HydroBat's compact sonar head design incorporates flanges to optimise your near-shore survey results.



look complicated? look again . . .

From single-beam to multibeam

Switching from single-beam to multibeam sonar for near-shore surveys is not as complicated as it might look. HydroBat™ is compact and easy to use. The software interface is intuitive, quickly guiding you to the data you need to see most. And if you could do with a little extra help, you're on a direct line to our support wherever you are.

- Roll stabilisation
- Auto pilot
- Highly integrated
- Wide swath

Efficient

HydroBat's 120-degree swath provides a usable coverage of 3.4x depth, giving you great coverage and the sounding density you need for a fast, efficient survey. Generating such high quality data so quickly enables you to optimise time onboard your survey vessel and get the job done in record time.

Cost-effective

50 percent cheaper than other professional multibeam systems, HydroBat gives you a cost-effective route into RESON's world of hi-res multibeam sonar. HydroBat isn't just a hydrographic survey tool; it's a precision instrument. And it bears the hallmark of quality and reliability you'd expect from any RESON gear. At half the price.

Expedition-ready

When you own a HydroBat, you don't just own a piece of quality gear. You own the full expedition-ready package, including highly qualified technical service, fast-response field support, a comprehensive inventory of spare parts, and quick-start training programmes for installation, operation, maintenance and service. Everything you need to keep you and your HydroBat expedition-ready.



The HydroBat is built to last so you can count on accurate results in all weather conditions year after year.



Powerful and intuitive, the PDS2000 HydroBat software is the brains behind your hydrographic surveys, helping you beat international standards every time.



HydroBat's advanced autopilot gets it right first time every time, so you can focus on your survey data.



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RESON A/S
Denmark
Tel: +45 4738 0022
reson@reson.dk

RESON Inc.
USA
Tel: +1 805 964-6260
sales@reson.com

RESON OFFSHORE Ltd
Scotland U.K.
Tel: +44 1224 709 900
sales@reson.co.uk

RESON GmbH
Germany
Tel: +49 431 720 7180
reson@reson-gmbh.de

RESON B.V.
The Netherlands
Tel: +31 (0)10 245 1500
info@reson.nl

RESON Pte. Ltd
Singapore
Tel: +65 6725 9851
singapore@reson.com