

# UNLOCKING THE SECRETS OF THE SEAFLOOR

## EM 2042

Small in size, but powerful in potential, the EM 2042 Multibeam Echosounder is efficient, light, robust and reliable: delivering high-density, high-resolution, clean data in the most demanding marine environments.

With simple installation and failure free operation, the EM 2042 has been designed for use on a wide variety of vessels. It's accuracy, versatility and stability, with real/true yaw stabilisation, extends weather windows and optimises survey duration – giving you the data you need, when you need it.

Easy to deploy, and energy efficient to run, the EM 2042 sets a new standard in shallow water seabed mapping – unlocking understanding for sustainable ocean space development.

### Key features:

- 60% lighter than EM 2040, allowing deployment on a range of vessel sizes, including unmanned surface vessels (USVs)
- Market leading clean data acquisition thanks to high fidelity in-house INS integration (Seapath)
- Advanced beam steering to meet stringent requirements for data density and resolution
- Reduced power consumption
- True Multifrequency backscatter
- Easy installation, set-up and configuration – with mounting either on a ship's hull or 'over the side', and automatic system detection and set-up (Seapath and EM)
- Real/true yaw stabilisation to help maximise weather windows
- Designed to allow rapid change of sonar heads, while comprehensive service and support is available 24/7 through KONGSBERG's global network
- No need for export licences or other legacy considerations