

Dolphin/XF TCD Robotic Probe

Proudly introducing the X-Factor in TCD robotic solutions, with sophisticated algorithms to assist in obtaining bilateral TCD insonations in as quickly as just a few seconds! Designed for short and long-term monitoring, for use in anesthesia, in the ICU, or in the TCD lab.

The Dolphin/XF Robot connects to any of the advanced Dolphin TCD models to automatically assist the users in quickly obtaining bilateral cerebral blood flow velocities for the purpose of short- or long-term monitoring.

The combination of the unique online and offline processing capabilities of the Dolphin TCD machines and the powerful mechanical and intelligence abilities of the Dolphin/XF robotic probe allows for fast and effective scanning of the brain.

The Dolphin/XF has a slick design, is clinically effective, is cost-effective, and is practical for use in various critical care settings such as the OR and the ICU, as well as in other diagnosis TCD labs.

The Dolphin/XF TCD robot is a significant breakthrough in brain diagnosis in the neuro-clinical market. It will assist the medical staff in reducing the setup time for bilateral monitoring and replace other bulky and time-consuming solutions that are currently in the TCD market. Our design was focused on a simple and quick operation to obtain bilateral waveforms in a matter of seconds”.

The Dolphin/XF is an affordable solution to all TCD users and reach all markets with a cost-effective price. Coupled with the Dolphin Transcranial Doppler systems, which are already considered by many to be the best TCD machines in the market, the Dolphin/XF provides new horizons for brain diagnosis, particularly in critical care settings such as the Operating Room (OR), Intensive Care Unit (ICU), or Emergency Room (ER).

The Dolphin/XF bilateral TCD robot fits very comfortably on the head. The patient can either lie down, sit upright, stand up, or even walk (with the battery-operated Dolphin/MAX system) during the monitoring session. The Dolphin/XF can monitor all types of cerebral blood vessels at any selected depth. This capability is particularly ideal for monitoring stroke or vasospasm

patients, patients with stroke threatening emboli, critical care patients with unstable Intracranial Pressure (ICP), TCD monitoring during anaesthesia, or even standard routine examinations such as Patent Foramen Ovale (PFO), Vasomotor Reactivity Tests (VMR) or the Breath Holding Test (BH). While monitoring, the user/s can enjoy all the other advanced monitoring features supported by the Dolphin TCD device.

We invite you to contact us for more information and a demonstration.