

BHS Technologies

BHS Technologies, based in [Innsbruck, Austria](#), specializes in creating innovative medical devices, with their flagship product being the **RoboticScope®**. This revolutionary robotic surgical microscope is designed to enhance **microsurgery** by providing surgeons with more flexibility, ergonomics, and precision. The **RoboticScope®** features a **Head-Mounted Display (HMD)** that allows surgeons to view the surgical field in **3D** and control the scope using intuitive **head gestures**, freeing them from the typical physical constraints of traditional microscopes.

Key advantages of the **RoboticScope®** include:

- **Improved Ergonomics**: Surgeons can maintain a comfortable posture during long surgeries, reducing strain and preventing musculoskeletal disorders.
- **Head Gesture Control**: Surgeons can control the robotic arm and adjust the view by simply moving their head, allowing for a more seamless and hands-free workflow.
- **Precision and Flexibility**: With 6-axis robotic control and high precision, the system allows easy adjustment of perspectives without requiring the surgeon to move or change positions.

The RoboticScope is widely used in various fields, including **neurosurgery**, **ENT surgery**, and **plastic surgery**, enabling surgeons to operate with greater comfort and efficiency.

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