



# Surgical Instruments

## The Atlas Multifunctional ARM...

*...provides a stable and precise  
guidance platform for multiple types  
of interventions.*



## Overview

The Atlas Multifunctional ARM provides a stable and versatile guidance platform for:

- frameless stereotactic procedures
- to support a cranial reference frame
- biopsy needle trajectory guidance
- laparoscopic instrument holder
- surgical instrument holder

The Atlas is available in several standard configurations for Neurosurgery, Orthopaedic Surgery, ENT, Interventional Radiology and General Surgery. We can also customize the product configuration according to your specific needs.



### *What general features should a multifunctional guidance platform have?*

- *Intelligent versatile design*
- *Scalable*
- *Exact & reliable*
- *Easy to use*
- *Cost effective*
- *Comfortable for both patient and surgeon*



### *Universally Compatible*

- A range of special adapters make the Atlas fully scalable and compatible with all existing Medical Intelligence products like the SipLAB Frame, the HeadFIX, and the BodyFIX..
- Universal adapters and guides make the product compatible with many non-MI products such as the Mayfield Head Holder, computer based interventional navigation systems, OR tables with standard side rails, classical and minimally invasive surgical instruments and laproscopes, all types of biopsy needles.

### *Compliant and Efficient*

- Used as a cranial reference arc support, it saves significant OR setup time while providing a virtually unlimited range of positioning flexibility and configurations.



### ***Exact & Reliable***

•It can be quickly and efficiently positioned using a single lever to lock its three stainless steel rotating cups firmly in place. This is accomplished using progressive blocking, a method wherein the joints tighten and block in sequence starting from the distal one, then the proximal one and finally the central one. This provides optimal positioning control and ease of single operator handling. Once locked the Arm will not drift.

•Used for biopsies, it provides precise trajectory refinement along isolated axes by way of two prominent thumbscrews on the Precision Aiming Device, and, since the Guidance Platform integrates with image guidance systems offering continuous tracking, you're able to monitor your needle's actual depth and trajectory on-screen as it advances.



### **Cost effective**

- The Atlas Arm and all associated instruments and components can be cleaned and autoclaved using standardized protocol, giving the system long life and excellent cost effectiveness.

### **Easy to Use**

- User-friendly design makes setting up and working with the Atlas easy and intuitive, from head to toe!



The Atlas Multifunctional ARM is an advanced and responsive all around surgical and interventional guidance platform that offers an elegant alternative to bulky head frames and unstable instrument holders, facilitating precise diagnostic and therapeutic interventions without the long set up times and patient discomfort associated with other devices and methods. It is easy to set up and use, comfortable for both patient and surgeon, and cost effective.