

# X-GUIDE<sup>®</sup>

PRACTICALLY DESIGNED  
FOR POWERFUL USE.

The X-Guide Dynamic 3D Navigation System is engineered to provide a **POWERFUL** and **STABLE** surgical experience. Get to know the X-Guide system design from the inside out.

## Blue-OptiX: Tracking Technology

Optimized "BLUE" lights paired with advanced optics technology deliver accurate navigation. X-Guide filters out light interferences (for example surgical lights) to ensure the highest accuracy can be achieved during navigation, without interruption. No distracting white light interference.



### DOES SIZE MATTER? SCIENCE MATTERS!

The X-Guide cameras are further apart and use blue light, combined with patented 300 X-Point tracking devices, produce higher tracking accuracy and dependability.

#### Did you know?

- Corners are better than circles for optical tracking accuracy.
- The more corners, the more consistent tracking performance.

## Optical Tracking Patterns

Designed for dental implant surgery, the patented tracking pattern parts are another key to reliability, accuracy and speed. 300 X-Corners continuously communicate real-time location of the anatomy and surgical instruments during live navigation. The size and shape of the pieces, like the dual-angle, cylindrical handpiece allow dependable tracking even if the surgeon's hand is moving and twisting at steep angles. As an added convenience, all pattern parts can be autoclaved for sterilization and efficiency.



### SMART DESIGN!

The pattern parts avoid annoyances and problems during surgery, such as blinking, loss of visual display, and fussing with the camera position.

## FleX Arm: Adaptable Surgical Positioning

Designed for ultimate flexibility, the extension arm is engineered to comfortably accommodate any surgical room and keep out of the sterile field.

- Right-handed // Left-handed
- Seated // Standing
- 10 o'clock position // 2 o'clock position
- Patient sitting up // Patient laying down
- Small room // Large room

## Xos: Robust Navigation Software

Seeing is believing. The X-Guide navigation software is impressively designed to make navigated 3D surgery a reality in the dental practice. Patented X-Point Technology makes X-Guide the only navigation system that clearly displays POSITION, ANGLE, and DEPTH on a SINGLE target. This, overlaid with the CT anatomy makes X-Guide navigation easy to learn and master. X-Guide makes it easy to stay accurate and precise – every implant, every time.

## Superior Power Hub: High Performance Computing Technology

The heart of the X-Guide system is pumping high-performance computing technology and driving the robust X-Guide planning and navigation software with the highest level of speed and accuracy. With the X-Guide system's super power, the possibilities are limitless.

### OPTIMIZED VISUAL DISPLAY

A clear vision during surgery is critical to staying on plan and maximizing navigation. The X-Guide system features a large screen display to ensure maximum visibility and deliver an ideal viewing experience during surgery.

### MOBILITY

The X-Guide system is on wheels so it's easy to transport between operatories. Lock the system in place to avoid movement during surgery and ensure ideal tracking.