

The Importance of Calibration

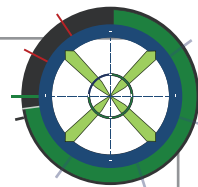
Calibration ensures accuracy and is quick & easy

When to Calibrate:

- Before Each Surgery.
- For each X-Clip used in a Surgery.

Considerations:

- Ensure all instruments are assembled securely before calibration. If a resecure is necessary, simply recalibrate the instrument.
- All patterns should be exposed to the cameras during calibration.
- All measurement touch points should be perpendicular to the contact surface.



STEPS

1 Handpiece Tracker

- ① Attach Handpiece Tracker to the Handpiece



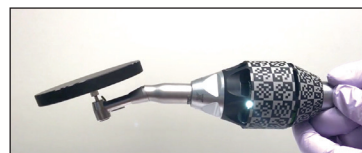
- Use black wrench to tighten.

- ② Rotate under cameras in one direction until complete



- Hold 60-80 cm from the cameras as shown.
- At least 1 full 360 degree rotation.
- * 7 seconds to complete

- ③ Attach Calibration Disk to Handpiece & hold under cameras



- Attach motor & set to 15-25 RPM's.
- Hold 60-80 cm from the cameras as shown.
- * 20 seconds to complete

2 Patient Tracker with X-Clip

- ① Assemble Patient Tracker Device



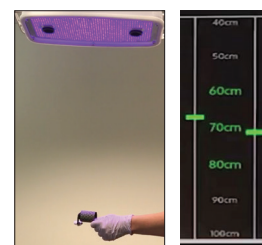
- Attach tracker arm to patient tracker.
- Attach X-Clip to Patient Tracker Arm using screw driver.

- ② Hold Patient Tracker Under Cameras



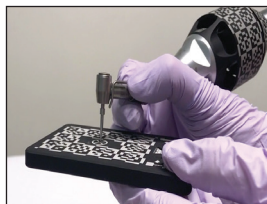
- Fiducial markers (BB's) require camera detection; displayed as green squares around each BB.
- * 20 seconds to complete

60-80 cm from the Cameras looks like this:
Software will display the distance



3 Calibration Check

- ① Measure Drill Length



- Insert pilot drill into handpiece.
- Hold under cameras and touch Go Plate as shown (or anywhere on the patterns).

- ② Check Fiducials (BB's) under cameras



- Touch drill as shown to each BB.
- Each contact should result in a green value.

