

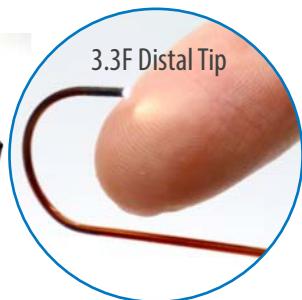
Precision Steering With TheiaScope Integration

Nissha Medical Technologies drives innovation in medical technology by investing in and integrating emerging technologies such as deflectable and selectively articulated distal tips, advanced visualization and sensing, and NMT Isometric micromolding capabilities. We partner closely with physicians, OEMS, and startups like EndoTheia to understand unmet clinical needs and translate them into customized solutions.

Plug-and-play video processor

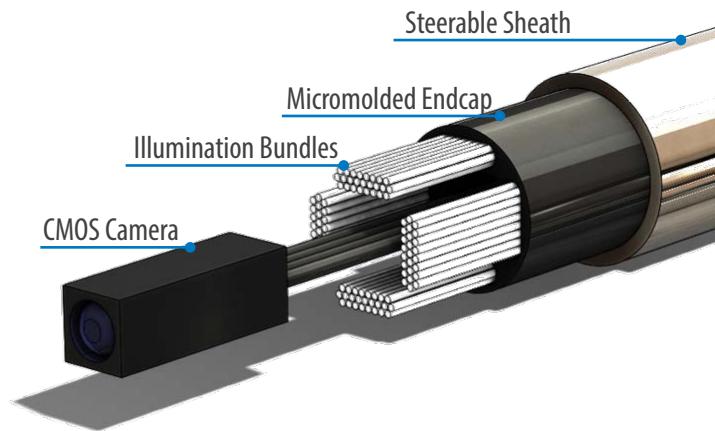


3.3F Distal Tip



CLINICAL APPLICATIONS

- Flexible/Endoluminal Robotics
- Flexible Endoscopy
- Urology
- Otolaryngology (ENT)
- Gastroenterology
- Cardiovascular
- Neurosurgical
- Pulmonology



EMPOWERING OEMS

ENHANCED REACH Increase anatomical access in your endoscopes with EndoTheia's articulation technology

ADVANCED VISUALIZATION Integrate custom camera modules and illumination

DRIVING SMALLER CONSTRUCTS Enable precise steering with compact mechanisms and micro-molded components

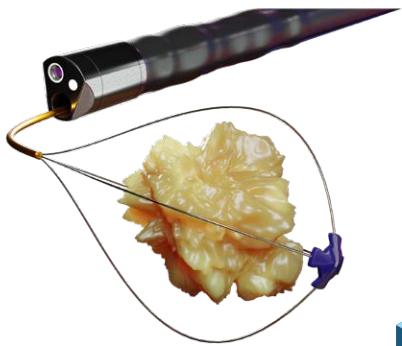
SEAMLESS INTEGRATION NMT's design, manufacturing, and commercialization expertise



EMERGING TECHNOLOGIES

01 MINIATURIZED STEERING CONSTRUCTS

- Smaller and smaller, increased accessibility
- Quicker recovery, fewer complications
- Advanced diagnostics in MIS devices



04 CMOS INTEGRATION

- Sensor alignment with custom lens assembly
- Raw image testing and calibration
- Integrated light fibers

02 SURGICAL VISUALIZATION

- Custom camera modules
- Miniaturized high resolution modules
- Advanced diagnostics in MIS devices



05 ADVANCED ELECTRONICS

- High-res imaging with endoscopic cameras
- Force and pressure sensors
- Wireless data transmission

03 PRECISION MACHINING

- Tissue interfacing components
- Tight tolerance laser and traditional machining
- Fine-tuned assemblies



06 MICRO MOLDING

- High precision tooling
- Successful filling of high aspect ratios parts
- Slides and lifters to create complex geometries

