

## **ManoScan™ Fact Sheet**

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The ManoScan™ High Resolution Manometry Platform provides a unique blend of accuracy, durability, and ease of use. Its proprietary tactile pressure-sensing technology yields unparalleled measurement precision with intuitive ManoView™ software offering diagnostic analysis ability. The ManoScan platform is a modular system designed to allow precise selection of diagnostic modalities and easy upgrades.

### **ManoScan 360 Workstation**

- Easy-to-learn system provides effortless transition from conventional manometry
- Comprehensive physiological visualization automatically captures esophageal motor function from pharynx to stomach with single placement of the catheter
- Procedures are typically completed in less than 10 minutes of recording time
- Reliable and consistent data are collected with unprecedented clarity, enabling maximum diagnostic accuracy
- Surpasses competing technology with 36 sensors measuring 432 points
- The only existing software that includes Normal Values according to Chicago Classification

### **Esophageal High Resolution Manometry with High Resolution Impedance**

- The only commercially available product to enable comprehensive physiological visualization of motor function and bolus movement from pharynx to stomach with a single placement of the catheter
- Anatomical profile display incorporates high-resolution impedance to provide clear visualization of the pressure and bolus relationship
- Real-time contrast controls allow clear visualization of pressure and impedance through full physiological measurement range
- Post-study playback feature offers dynamic “movie”-type scrolling for a comprehensive survey of swallow physiology and function

### **ManoScan Anorectal Manometry**

- Comprehensive visualization of anorectal physiology and pathophysiology with unprecedented clarity
- Continuous sensing enables single catheter positioning, eliminating the need for repositioning of probe and patient involuntary squeeze artifact
- Advanced algorithms automatically identify RAIR events, correct for inadvertent movement of pelvic floor during maneuvers, and capture intra-rectal balloon pressures

### **ManoScan 3D Anorectal Manometry**

- Dynamic 3D image of physiology and function
- Lateral cross-section visualization
- Multiple display modes offer complete High-Resolution and three-dimensional visualization of pressure in contour plots, line traces and combined modes

All products are not cleared for marketing or available for commercial distribution in all markets.  
Please verify if specific products have the necessary regulatory clearance in your country.



### **ManoScan Risk Information**

All medical procedures carry some risks. The risks of catheter insertion into the nasal passage include: discomfort, nasal pain, minor bleeding, runny nose, throat discomfort, irregular heartbeat with dizziness, and perforation. In rare instances, the catheter may be misdirected into the trachea causing coughing or choking, or the catheter may shift up or down causing false results. Medical, endoscopic, or surgical intervention may be necessary to address any of these complications, should they occur. The system is not compatible for use in an MRI magnetic field. Please consult your physician or refer to [www.givenimaging.com](http://www.givenimaging.com) for detailed information.

### **ManoScan AR Risk Information**

All medical procedures carry some risks. Procedure complications are rare but may occur. Perforation (tearing) or bleeding of the intestinal wall is possible. Patients with previous rectal surgery, bowel inflammation, or bowel obstruction may have a higher risk for iatrogenic bowel perforation. Medical, endoscopic, or surgical intervention may be necessary to address any of these complications, should they occur. The system is not compatible for use in an MRI magnetic field. Please consult your physician or refer to [www.givenimaging.com](http://www.givenimaging.com) for detailed information.

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