



da Vinci[®] Xi SURGICAL SYSTEM™



Endowrist Instruments



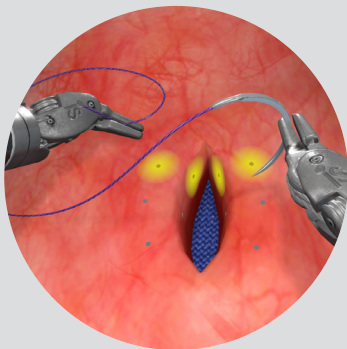
Endowrist Movement



Stapler 45



Vessel Sealer



Simulator



Table Motion

All surgery presents risk. While clinical studies support the use of the *da Vinci*[®] Surgical System as an effective tool for minimally invasive surgery for specific indications, individual results may vary. Patients and doctors should review all available information on non-surgical and surgical options in order to make an informed decision. For complete technical information, including intended use and full cautions and warnings, please refer to the *da Vinci Xi* Surgical System instructions for use and Integrated Table Motion addendum, Instrument & Accessory, Stapler 45, *Firefly*[®] instructions for use and other product information. Please also refer to www.intuitivesurgical.com/safety for Important Safety Information. © 2016 Intuitive Surgical, Inc. All rights reserved. PN 1024862-EU Rev A 1/16

DA VINCI® XI

TECHNICAL INFORMATION

System Components	<ul style="list-style-type: none"> • Single-cart system, surgeon console & vision cart (3 components)
System Weight and Power Requirements	<ul style="list-style-type: none"> • Surgeon Console: 264.0 kg • Patient Cart: 821.0 kg • Vision Cart: 258.5 kg
System Dimensions	<ul style="list-style-type: none"> • Patient Cart: Height (min.): 174-247 cm, Width: 98 cm, Depth: 149 cm (1.127 m²) • Vision Cart: Height (min.): 193-223 cm, Width: 68 cm, Depth: 93 cm (0.632 m²) • Surgeon Console: Height (min.): 145-178 cm, Width: 97 cm, Depth: 87 cm (0.844 m²)
Patient Cart	<ul style="list-style-type: none"> • Total available instruments arms: 4 • Arm spar width: 4.3 cm • Recommended minimum port site distance: 6 cm • Apply feedback during arm collisions and range of motion limits • Touchpad control for automated set-up • Battery power back-up • Overhead boom design
Vision Tower	<ul style="list-style-type: none"> • <i>TilePro</i> video input connections • Touchscreen monitor with telestration capability: 61 cm • Overlay of surgical image and control system settings • 3DHD video output connections • Off-screen tool indicator • Screen capture with USB flash drive
Surgeon console	<ul style="list-style-type: none"> • 1080i 3DHD stereo viewer • Force and torque feedback capable master (instrument) controllers • Ergonomic control panel • Digital touchpad to access audio, video, user profile and system settings • Footswitch panel: monopolar, bipolar, advanced instrument and camera controls • Simulator-ready integration connections on operative surgeon console
Range of Motion	<ul style="list-style-type: none"> • Outer Yaw: 504° • Outer Pitch: +/-75° • Insertion axis range of motion: 13.5 inches • 7 degrees of freedom for instruments • 540° rotation
Endoscope	<ul style="list-style-type: none"> • 8 mm Ø • Field of View: ~80 degrees • 10x optical magnification • 4x digital magnification • 3DHD integrated Fluorescence Imaging • Auto focus, white balance and 3D calibration • No draping required
Instrument Availability	<ul style="list-style-type: none"> • 8 mm wristed instruments: Monopolar (x3), Bipolar (x5), Harmonic (x1), Graspers (x7), Needle Drivers (x4), Scissors (x2), Clip Appliers (x3), Cardiac Specialty (x6), Vessel Sealer (x1) • 12 mm wristed instruments: 45 mm stapler (x1) • No assembly required
Instrument length	<ul style="list-style-type: none"> • ~59.2 cm
Advanced Technologies	<ul style="list-style-type: none"> • <i>EndoWrist</i>, Vessel Sealer* (7 mm vessel sealing) • <i>EndoWrist</i> Stapler* (45 mm reload) • Fluorescence Imaging (near infrared) • <i>Harmonic ACE</i>* Shears (ultrasonic)
Electrosurgical Unit Compatibility	<ul style="list-style-type: none"> • ERBE VIO dV (included with <i>Xi</i> system) • Medtronic (Covidien) Force Triad • Ethicon GEN 11 (for <i>Harmonic ACE</i> Curved Shears only)
Instrumentation Washer/ disinfectant and Validated Sterilizers	<ul style="list-style-type: none"> • Several automated washer/disinfectors validated in accordance with ISO-15883 • Compatible with Autoclave Pre-vacuum sterilizer • Reprocessing manual in accordance with ISO-17664 • Customer process validation in accordance to KRINKO / BfArM recommendation

monitor dotykowy z możliwością
telestracji o : 61
cm

Endoskop

Ø 8 mm

- Pole widzenia: ~ 80 stopni
- 10-krotne powiększenie optyczne
- 4x cyfrowe powiększenie
- Zintegrowane obrazowanie fluorescencyjne 3DHD
- Automatyczne ustawianie ostrości, balans bieli i kalibracja 3D
- Nie wymaga drapowania