

# CATALYST<sup>XL</sup>

## Pelvic Floor Ultrasound System and Probes Specifications

### System Platforms

#### All-in-One (AIO) Mobile Cart Minimum Specifications

<b>Processor (Speed)</b>	Intel Core i5 or higher (3.1 GHz, Turbo Boost 3.96GHz)
<b>Memory</b>	8GB RAM
<b>Storage</b>	1 TB Hard Drive (or HDD)
<b>AIO Monitor</b>	22", Full HD 1920x1080, IPS wide-viewing angle, LED backlit
<b>AIO Mount</b>	Fully integrated on medical grade cart with built-in probe holster
<b>Ports</b>	4 USB 2.0, 2 USB 3.0
<b>Connectivity</b>	Wi-Fi, Ethernet, Bluetooth
<b>Operating System</b>	Windows 10
<b>Pre-installed Software</b>	Catalyst XL system application, HALO secure, MS Office Professional 2016 (32 bit), Adobe Reader, VLC Media Player, LogMeIn (for remote support)
<b>Pre-installed Support</b>	Catalyst system clinical education program video, Catalyst XL system user manual, HALO probes instructions for use
<b>UL Certification</b>	UL60950 electrical safety, FCC class B, CE, Energy Star 6.1, RoHS 2

#### Laptop Platform Minimum Specifications

<b>Processor (Speed)</b>	Intel Core i7 (3.1 GHz, Turbo Boost 3.96GHz)
<b>Memory</b>	8GB RAM
<b>Storage</b>	1 TB Hard Drive (or HDD)
<b>Laptop size</b>	17.3in., Full HD 1920x1080, LED backlit, mouse included
<b>Laptop mount</b>	Optional laptop cart with security strap for probe
<b>Ports</b>	2 USB 2.0, 2 USB 3.0
<b>Connectivity</b>	Wi-Fi, Ethernet, Bluetooth
<b>Operating System</b>	Windows 10
<b>Pre-installed Software</b>	Catalyst XL system application, HALO secure, MS Office Professional 2016 (32 bit), Adobe Reader, VLC Media Player, LogMeIn (for remote support)
<b>Pre-installed Support</b>	Catalyst system clinical education program video, Catalyst XL system user manual, HALO probes instructions for use
<b>UL Certification</b>	UL60950 electrical safety, FCC class B, CE, Energy Star 6.1, RoHS 2

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## Ultrasound Probes – Common Specifications

Software interface	Exclusive, validated interface with Catalyst™ Software
Hardware connection	USB 2.0 port
Acuity	A.C.E. Certified for optimal imaging with factory settings
Probe button functions	"Smart" button interacts with Catalyst software controls. Optionally, user can disable probe function through system software.
Software measurements	Width (mm), Angle (percent & degree), Distance (mm) – user-defined label
XL video image capture	5 frames/sec, 300 frames recording & storage (60 sec) per segment
XL video file storage	Metadata, allowing full image post-processing & image setting adjustments

### MidCrystl™ 360° Endoanal Ultrasound Probe

Transducer	Hi-density, 360° radial rotating crystal, transrectal axial imaging		
Labeling	Positional marks for Posterior (P) and Anterior (A). White safety band marks crystal location. 4 cm marking before white band and 10 cm markings after.		
Application	Anal sphincter investigation, full anal canal imaging from anal verge to 10cm		
Frequency	7.5 MHz, 12 MHz, 15 MHz	Probe insertion length	20cm
Scan depth	2 cm to 5 cm	Probe diameter	20mm
Focal point	15mm	Weight	300gm

### Trans Rectal 360° Ultrasound Probe w/built in water pathway

Transducer	Hi-density, 360° radial rotating crystal, transrectal axial imaging		
Labeling	Positional marks for Posterior (P) and Anterior (A). White safety band marks crystal location. 14 cm markings.		
Application	Rectal cancers investigation and staging, node detection, Anal sphincter investigation, full anal canal imaging from anal verge to 15 cm		
Integrated Feature	Water pathway for rectal balloon infusion built into probe, luer lock at handle location and exit below 2cm		
Frequency	7.5 MHz, 12 MHz, 15 MHz	Probe insertion length	21.5 cm
Scan depth	2 cm to 5 cm	Probe diameter	20mm
Focal point	15mm	Weight	330gm

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# Pelvic Floor Ultrasound System and Probes Specifications

## Halo™ Transperineal Probe

<b>Transducer</b>	90°, real-time, B-mode crystal, 15 frames per second imaging		
<b>Application</b>	Transperineal (surface) investigation of pelvic floor structures		
<b>Frequencies</b>	3.5MHz, 5MHz, 7.5 MHz	<b>Patient contact area</b>	35mm
<b>Scan depth</b>	3 cm to 10 cm	<b>Size</b>	17cm x 4.5cm
<b>Focal point</b>	7.5cm	<b>Weight</b>	200gm

## Halo™ Introital/Endovaginal Probe

<b>Transducer</b>	360°, real-time, B-mode crystal, 15 frames per second imaging, end-fire		
<b>Applications</b>	Introital (surface) investigation of pelvic floor structures; endovaginal exam		
<b>Frequency</b>	5 MHz, 7.5 MHz, 12MHz	<b>Patient contact area</b>	21mm
<b>Scan depth</b>	3cm to 10 cm	<b>Size</b>	15.5cm x 3.5cm
<b>Focal point</b>	2cm	<b>Weight</b>	100gm

