



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.edu.in (Tender)

Reference No: J-11058(033)/2019-20/S&P

Dated: 31/08/2020

Sub: Procurement of Flexible Cystoscope & Ureterovideoscope with chip on the tip on compatible basis with the installed and functional Olympus 3D Video Imaging System in OT (Up-gradation of existing 3-D Video Imaging System) (Make: OLYMPUS) and Shockpulse Dual Action Lithotripsy (Ultrasonic & Mechanical) (Make: OLYMPUS) for the Department of Urology at AIIMS, Bhubaneswar on Proprietary basis - **Inviting Comments thereon.**

The Department of Urology, AIIMS, Bhubaneswar has requested for procurement of Flexible Cystoscope & Ureterovideoscope with chip on the tip on compatible basis with the installed and functional Olympus 3D Video Imaging System in OT (Up-gradation of existing 3-D Video Imaging System) (Make: OLYMPUS) and Shockpulse Dual Action Lithotripsy (Ultrasonic & Mechanical) (Make: OLYMPUS) from **M/s Olympus Medical Systems India Pvt. Ltd.**

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to spo@aiimsbhubaneswar.edu.in, aso.jkbiswal@aiimsbhubaneswar.edu.in and stokee_lovneet@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 15 -09-2020** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no. – J-11058(033)/2019-20/S&P dt: **31 -08-2020**, due on dated: **15 -09-2020** should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from Indenting Officer. **Annexure-I**
2. Compatibility cum Proprietary Certificate of M/s Olympus Medical Systems India Pvt. Ltd. for Flexible Cystoscope & Ureterovideoscope with chip on the tip on compatible basis with the installed and functional Olympus 3D Video Imaging System in OT (Up-gradation of existing 3-D Video Imaging System) (Make: OLYMPUS) **Annexure-II**
3. Proprietary Certificate for Shockpulse Dual Action Lithotripsy (Ultrasonic & Mechanical) (Make: OLYMPUS) **Annexure-III**
4. Manufacturer's Authorisation Form for required set of equipments **Annexure-IV**
5. Brochure & Literature of the required set of equipments **Annexure-V**
6. Price Quotations Ref. No. MP/DR.AIIMS/BBSR/2020-21 Dated 10-08-2020 & MR/DR.AIIMS/BBSR/2020-21 Dated 10-08-2020 **Annexure-VI**

Copy to:

1. Indenting Officer, Dept. of Urology
2. Accounts Officer
3. IT Cell

: for information please
: for information please
: for hoisting in the website.


Sr. Procurement-cum-Stores Officer

AIIMS, BHUBANESWAR

Proprietary Article Certificate
Valid for the Current Financial Year

File No. and Date Reference :		
1	Description of article	Attached. (Hock Pulse-se)
2	Forecast of quantity /annual requirement	-
3	Approximate estimated value for above quantity	35,00,000/-
4	Maker's name and address	OLYMPUS MEDICAL SYSTEM
5	Name(s) of authorized dealers/ stockists	MEDIPLUS, 5TH LEWIS ROAD, FL NO - 3/108, 1ST FLOOR, MADHAB KILAYA APARTMENT BBSR-751014.
I approve the above purchase on PAC basis and certify that :- Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	✓
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR	✓
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.); OR	
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	
7	Reference of concurrence of finance wing to the proposal :	
History of PAC Purchase of this item for past three years may be given below : NA		
Name of the Supplier		
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)
		Adverse Performance Reported if Any

Signature of Approving Authority.....

Date..... Designation of Officer.....

Signature of the Indenting Officer
Dr. Manoj Kumar Das
Assistant Professor
Dept of Urology
AIIMS, Bhubaneswar

AIIMS, BHUBANESWAR

26

Proprietary Article Certificate
Valid for the Current Financial Year

File No. and Date Reference :		
1	Description of article	Attached
2	Forecast of quantity / annual requirement	-
3	Approximate estimated value for above quantity	1 crore 30 lakh
4	Maker's name and address:	OXYPHUS MEDICAL SYSTEMS
5	Name(s) of authorized dealers/ stockists	
6	I approve the above purchase on PAC basis and certify that :- Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.	
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	✓
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR	
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.) : OR <i>Compatible with existing equipment.</i>	✓
6 (c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	
7	Reference of concurrence of finance wing to the proposal :	
History of PAC Purchase of this item for past three years may be given below :		
Name of the Supplier		
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)
		Adverse Performance Reported if Any

Signature of Approving Authority.....
Date..... Designation of Officer.....

Signature of the indenting Officer
12/02/2020
Dr. Swarnendu Mandal
Assistant Professor
Urology,
AIIMS, Bhubaneswar

Dr. Manoj Kumar Das
Assistant Professor
Dept of Urology
AIIMS, Bhubaneswar

Ref: OMSI/20-21/0170

Dated 07-08-2020

To

The Director
All India Institute of Medical Sciences
Sijua, Patrapada, Bhubaneswar
Odisha-751019

Sub: Compatibility cum Proprietary Article Certificate

Dear Madam,

- 1) This is to certify and confirm that the model no: LTF-S300-10-3D (3D Flexible Tip Endoeye) having Flexible Tip, 4 Way angulation (Up, Down, Right & Left) and NBI compatibility is proprietary product of Olympus.

This model LTF-S300-10-3D is compatible with existing installed OTV-S300 Video System in Deptt of Urology.

- 2) We also confirm that the model no- CYF-VH (HD Chip on Tip Video Cystonephroscope) and the model no-URF-V3R (Chip on Tip Video Uretrorenoscope) with NBI compatibility are also compatible with existing & installed OTV-S300 Video System in Deptt of Urology.

These Products with above features are being solely manufactured by Olympus Corporation, Japan having its office at Shinjuku Monolith, 3-1 Nishi-Shinjuku 2 - Chome, Shinjuku-ku, Tokyo 163-0914, Japan.

These items are proprietary of Olympus Medical Systems Corporation, Japan and are compatible with existing & installed OTV-S300 Video System in Deptt of Urology.

No other Company's make & models of Videoscopes are compatible with existing installed OTV-S300 Video System in Deptt of Urology.

Thanking you,

For Olympus Medical Systems India Pvt. Ltd.

Authorized Signatory



Dated : 06.08.2020

Ref: OMSI/20-21/234

To,
The Director,
All India Institute of Medical Sciences,
Sijua, Bhubaneswar,
Odisha - 751019

Sub: Proprietary Article Certificate for Shock Pulse-SE

Dear Sir,

This is to certify & confirm that Shock Pulse-SE is having Dual action Single Probe Technology, where both Ultrasonic & mechanical energy is delivered via single probe & is equipped with Suction controlled hand piece, integrated hand activation and having probe of "3.76mm probe size providing the largest Inner lumen for stone fragments evacuation" These feature are unique and are a proprietary of Olympus and is solely manufactured by Olympus Surgical Technologies America Brooklyn Park, MN 55445 US.

This item is proprietary of OLYMPUS SURGICAL TECHNOLOGIES AMERICA BROOKLYN PARK, MN 55445 US.

Thanking you,

For Olympus Medical Systems India Pvt. Ltd.,

Authorised Signatory



A large, stylized handwritten signature in blue ink, likely belonging to a senior official of Olympus Medical Systems India Private Limited.

Ref: OMSI/20-21/0169

Dated 07-08-2020

MANUFACTURER'S AUTHORISATION FORM

To

The Director
All India Institute of Medical Sciences
Sijua, Patrapada, Bhubaneswar
Odisha-751019

Ref.: Proprietary Article Certificate for Model:LTF-S300-10-3D (3D Flexible Tip Endoeye), Model:CYF-VH (HD Chip on Tip Video Cystonephroscope) & Model:URF-V3R (Chip on Tip Video Uretrorenoscope)

Dear Sir/Madam,

We, Olympus Medical Systems India Private Limited having our registered office at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurgaon - 122001, Haryana is 100% fully owned subsidiary of M/s. Olympus Corporation of Asia Pacific Ltd. M/s. Olympus corporation, Japan who are proven and reputable manufacturers of "Model:LTF-S300-10-3D (3D Flexible Tip Endoeye), Model:CYF-VH (HD Chip on Tip Video Cystonephroscope) & Model:URF-V3R (Chip on Tip Video Uretrorenoscope)" having their offices at Shinjuku Monolith, 3-1 Nishi-Shinjuku 2 - Chome, Shinjuku-ku, Tokyo 163-0914, Japan. We do hereby authorize M/s Mediplus, No-574, Lewis Road, FlNo-B/I08, Ist Floor, Madhab Nilaya Apartment Bhubaneswar -751014 to quote, negotiate and conclude the contract with you against your requirement for the above goods manufactured by us.

The services to be rendered by Olympus Medical Systems India Private Limited having registered office at Ground Floor, Tower-C, SAS Tower, The Medicity Complex, Sector-38, Gurgaon 122001 (Haryana), shall be as follows:

1. Installation
2. Warranty services

No company or firm or individual other than M/s Mediplus, No-574, Lewis Road, FlNo-B/I08, Ist Floor, Madhab Nilaya Apartment Bhubaneswar -751014 are authorized to quote, negotiate and conclude the contract in regard to this business against this specific enquiry.

Thanking you,

For Olympus Medical Systems India Private Limited

Authorized Signatory



Ref: OMSI/20-21/0171

Dated 07-08-2020

MANUFACTURER'S AUTHORISATION FORM

To

The Director
All India Institute of Medical Sciences
Sijua, Patrapada, Bhubaneswar
Odisha - 751019

Ref.: Proprietary Article Certificate for Shock Pulse-SE

Dear Sir/Madam,

We, M/s Olympus Medical Systems India Pvt. Ltd. having our registered office at Ground Floor, Tower - C, SAS Tower, The Medicity Complex Sector - 38, Gurgaon - 122001, Haryana, India, is 100% subsidiary of Olympus Corporation of Asia Pacific Ltd. M/s Olympus Corporation, Japan, who are established and reputable manufacturers of Shock Pulse SE (DUAL ACTION LITHOTRIPSY (ULTRASONIC AND MECHANICAL) , having the manufacturing site of Shock Pulse SE (DUAL ACTION LITHOTRIPSY (ULTRASONIC AND MECHANICAL) at 5340 Fryling Rd., Suite 101, Erie, PA 16510 USA, We do hereby authorize M/s Mediplus, No-574, Lewis Road, FIno-B/I08, 1st Floor, Madhab Nilaya Apartment Bhubaneswar -751014 to quote, negotiate and conclude the contract with you against your requirement for the above goods manufactured by us.

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Thanking you,

For Olympus Medical Systems India Private Limited

Authorized Signatory



SS

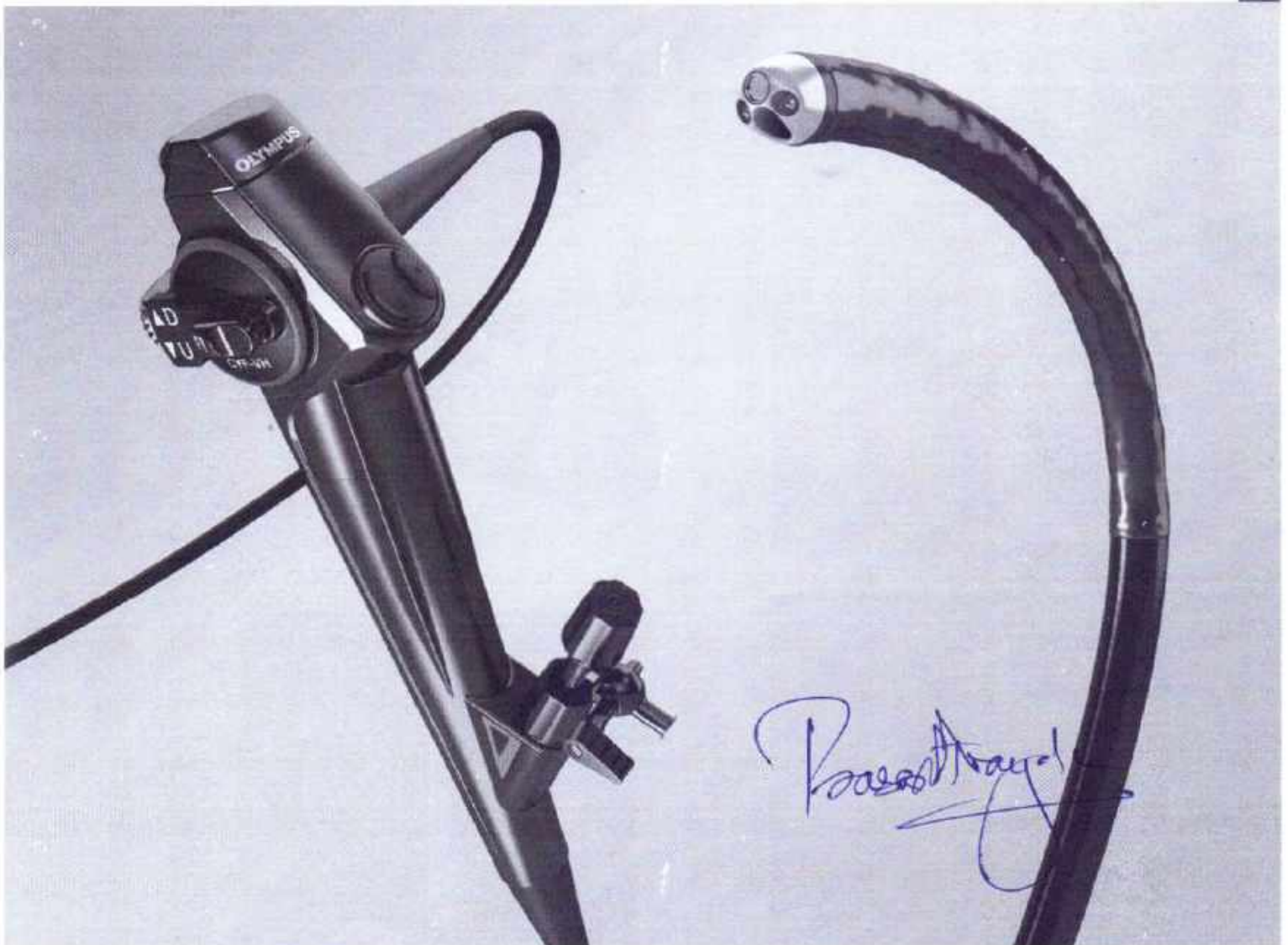
OLYMPUS

Your Vision, Our Future

CYSTO-NEPHRO VIDEOSCOPE

CYF-VH/VHA/VHR

The World's First HDTV Flexible Cysto-Nephro Videoscope



The world's first High-Definition flexible cysto-nephroscope takes endoscopic imaging to the next level.

High-Definition (HDTV)

The ground-breaking CYF-VH is the first flexible cysto-nephroscope to provide a High-Definition image.



NBI (Narrow Band Imaging)

NBI with the CYF-VH/VHA/VHR is 20% brighter (compared to the previous model CYF-V2) providing enhanced visualization of capillary networks and mucosal morphology.

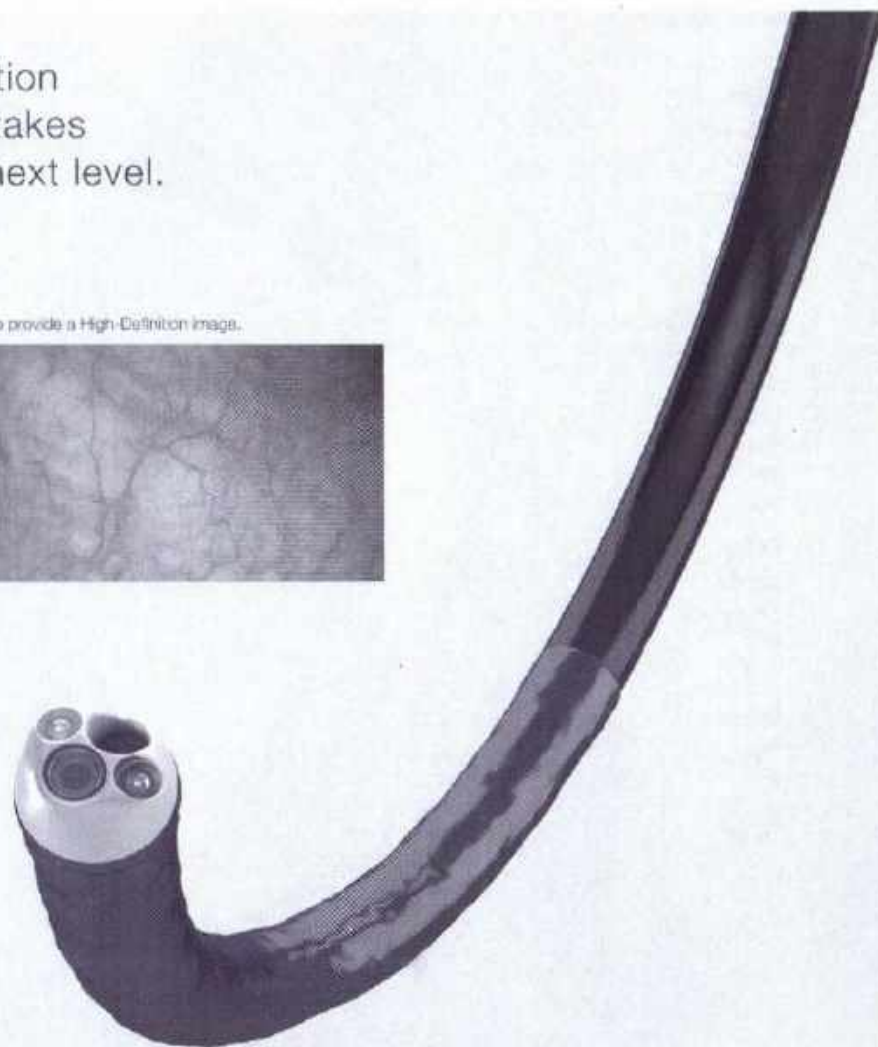


White Light



NBI

NBI is an optical image enhancement technology that enhances the visibility of vessels and other tissue on the mucosal surface. NBI works by filtering the white light into specific light wavelengths, which are absorbed by hemoglobin and penetrate only the surface of human tissue. This provides improved visual contrast of the surface structures and fine capillary patterns of mucous membranes, which are normally difficult to distinguish.



Passive Bending

New design focuses on patient comfort

New Evolution tip

A newly redesigned Evolution tip which incorporates even smoother edges and focuses on patient comfort. This tip also provides an increased light output of 150% (compared to the CYF-V2).



CYF-V2



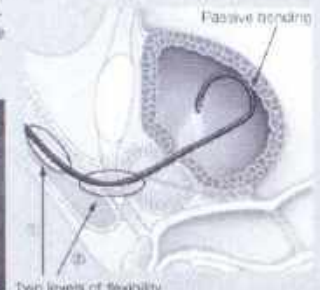
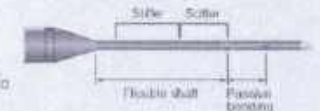
CYF-VH

Variable stiffness shaft

To minimize patient discomfort, the CYF-VH varies in stiffness along the shaft of the endoscope.

- Proximally the shaft is stiffer than the CYF-V2 to maintain control in the urethra.
 - Mid/distally the shaft is more flexible to minimize pressure and discomfort on sensitive anatomy.
- The Olympus passive bending section allows the scope to bend even farther and minimizes damage to the scope.

Scope insertion she structure



Two levels of flexibility



Improved bending

The CYF-VH bending section bends 10° more with its 220° up and 130° down deflection to help doctors observe all areas of the bladder with ease.

Large field of view

The wide 120° field of view provides a panoramic field of view of the entire bladder from the bladder neck.



OLYMPUS CYF-VH OLYMPUS CYF-VHA OLYMPUS CYF-VHR



Specifications

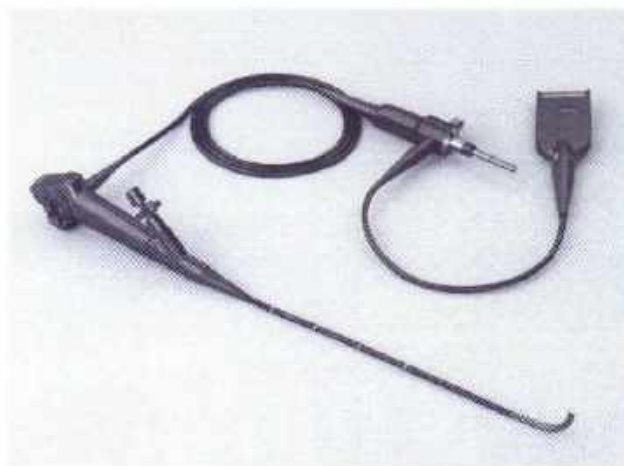
Optical System	Field of view	120°
	Direction of view	Forward viewing
	Depth of field	3-80 mm
Insertion Tube	Distal end outer diameter	8.1 Fr (2.7 mm)
	Insertion tube outer diameter	16.5 Fr (5.5 mm)
	Working length	360 mm
Instrument Channel	Inner channel diameter	8.6 Fr (2.2 mm)
Bending Section	Angulation range	Up 225°/Down 130°
Total Length		660 mm

Standard Set	CYSTO-NEPHRO VIDEOSCOPE	CYF-VH/VHA/VHR	1
	Irrigation/Forceps Plug (Isolation Type)	MAJ-894	1
	Semi-Disposable Biopsy Valve	MAJ-679	10
	Suction Valve (CYF-VHA only)	MAJ-297	10
	Suction Cleaning Valve (CYF-VHA only)	MAJ-1077	1
	Channel-Opening Cleaning Brush	MH-507	1
	Channel Cleaning Brush	BW-15B	1
	Sterilization Cap	MAJ-1538	1

CYF-VH: Flexible Cysto-Nephro-Videoscope

CYF-VHA: Flexible Cysto-Nephro-Videoscope with suction valve

CYF-VHR: Flexible Cysto-Nephro-Videoscope with reverse angulation



EndoTherapy Accessories

				Accessory entrance into endoscopic image
Hot Biopsy Forceps FD-7C-1	Rotatable Biopsy Forceps FB-19CR-1	Biopsy Forceps FB-19SX-1	Biopsy Forceps FB-15C-1	
Coagulation Electrode CD-6C-1	Grasping Forceps FG-38SX-1	Grasping Forceps FG-53SX-1	Electrosurgical Snare SD-7C-1/SD-18C-1	Grasping Forceps FG-24SX-1

Base of the

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

OLYMPUS

OLYMPUS MEDICAL SYSTEMS CORP.
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-Ku, Tokyo 165-0914, Japan

For a complete listing of
sales and distribution locations visit:
www.olympus.com

OLYMPUS

Video Recording Time

Resolution	Recording Mode	Data Rate (Mbps)	Recording Time (HLS 1 only)			
			MR-200 Internal Memory (4 TB)	USB HDD (1 TB)	Blu-ray (25GB)	DVD (4.7GB)
1920 x 1080p	Highest	30	150h 00m	30h 00m	2h 22m	0h 50m
	High	10	450h 00m	90h 00m	6h 40m	0h 63m
	Standard	6	750h 00m	150h 00m	10h 50m	1h 04m
1020 x 1080i	Highest	18	200h 00m	40h 00m	3h 32m	0h 28m
	High	6	600h 00m	120h 00m	10h 50m	1h 04m
	Standard	4	1000h 00m	200h 00m	17h 34m	1h 50m
1280 x 720p	High	12	150h 00m	30h 00m	3h 32m	0h 28m
	Standard	4	450h 00m	90h 00m	10h 54m	1h 04m
	M1	3	1500h 00m	300h 00m	32h 44m	3h 44m
720 x 480/576i	Highest	18	100h 00m	20h 00m	2h 22m	0h 28m
	High	6	300h 00m	60h 00m	6h 40m	0h 50m
	Standard	4	500h 00m	100h 00m	10h 54m	1h 04m

Still Image Recording Count

Resolution	Recording Mode	Recording Count (HLS 1 only)			
		MR-200 Internal Memory (4 TB)	USB HDD (1 TB)	Blu-ray (25GB)	DVD (4.7GB)
HD (1920 x 1080)	RAW/TFE	600,000	100,000	3,000	800
	JPEG High	2,200,000	400,000	10,000	2,500
	JPEG High	4,100,000	800,000	20,000	5,000
	JPEG Standard	7,100,000	1,400,000	35,000	10,000
SD (640 x 480)	RAW/TFE	2,200,000	400,000	10,000	2,500
	JPEG High	8,000,000	1,600,000	35,000	10,000
	JPEG High	11,000,000	2,200,000	50,000	15,000
	JPEG Standard	14,000,000	2,800,000	65,000	20,000

Specifications

IMH-200

Model	IMH-200
Video Recording Format	MP4/H.264
Still Recording Format	RAW/TFE/JPEG
Compatible Media	SD, SDHC, SDXC, DVD-R, USB 2.0/3.0 medium
Internal Memory Capacity	4TB
Taouch Panel Display	7-inch LCD touchpanel
Video Input/Output Jacks	3G-SDI/SDI
DVI	INPUT 1, OUTPUT 1
Y/C	INPUT 2, OUTPUT 1
Composite	INPUT 3, OUTPUT 1
Control Signal	RS-232C
Dimensions (W x H x D)	370 x 150 x 200 mm
Weight	Approx. 3.2 kg
Power Consumption	Approx. 105 W



IMAGE MANAGEMENT HUB

IMH-200

Reliable High-quality Image Recording with Multi-format Compatibility



OLYMPUS

OLYMPUS MEDICAL SYSTEMS CORP.
One Japan Market 2-5-1 Aomori-cho, Saitama-shi, Tokyo 108-8514, Japan

For a complete listing of
sales and distribution centers visit
www.olympus.com

Printed in Japan A8691311-022010

Versatile, easy-to-use new image management hub offers top-quality image recording optimized for Olympus endoscopes plus support for a variety of media and recording formats

Designed as the hub of your endoscopic observation system, the Olympus IMH-200 provides you with all the tools you need to record and manage endoscopic and ultrasound images in high resolution full HD image quality. Convenient clip recording capability lets you grab specific scenes as you go, while the master recording continues without interruption. This saves time in post-procedure editing, putting the scenes you need at your fingertips, while maintain the full recording for archival purposes. Add in expanded compatibility with a variety of recording media and you'll have the flexibility you need to cover any requirement. Easy-to-use operation with touch-panel and voice guidance is supported by reliability enhancing safety and security functions like audio alert, safety shutdown and auto delete function for recorded data.



Improved Security, Safety and Operability



Safety Shutdown Function

Should the primary power supply fail during operation, a built-in standby battery facilitates a safe shutdown.



Auto Delete Function for Recorded Data

If the internal memory approaches capacity during a procedure, the oldest data is deleted automatically, ensuring that new data can continue to be recorded without interruption.



Voice Guidance and Audio Alert Functions

Helping to ensure smooth operation, voice guidance via the built-in speaker provides direction on how to manipulate equipment and alerts you to memory status.



Touch-panel Display

A touchscreen on the front panel provides one-touch user-friendly control.

Prasanth

More Efficient High-quality Image Recording

Smart Edit Function

Simultaneous recording of high-quality master video and short clips. This lets you capture critical scenes and reduces the time and effort needed for video editing.



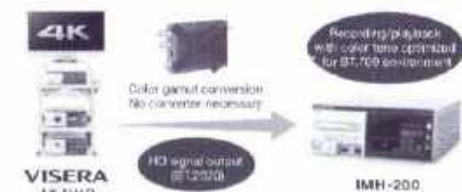
Various Writing Functions

Data can be written to various recording media for maximum versatility. In addition to simultaneous recording of 2 image sources, image data can be written simultaneously in up to 3 media.



HD Recording Ready for 4K Image

When recording a 4K image in HD, the standard color gamut of 4K (BT.2020) is automatically optimized for and converted to HD (BT.709). This ensures recording and playback with a color tone as close as possible to the original monitored during the procedure.



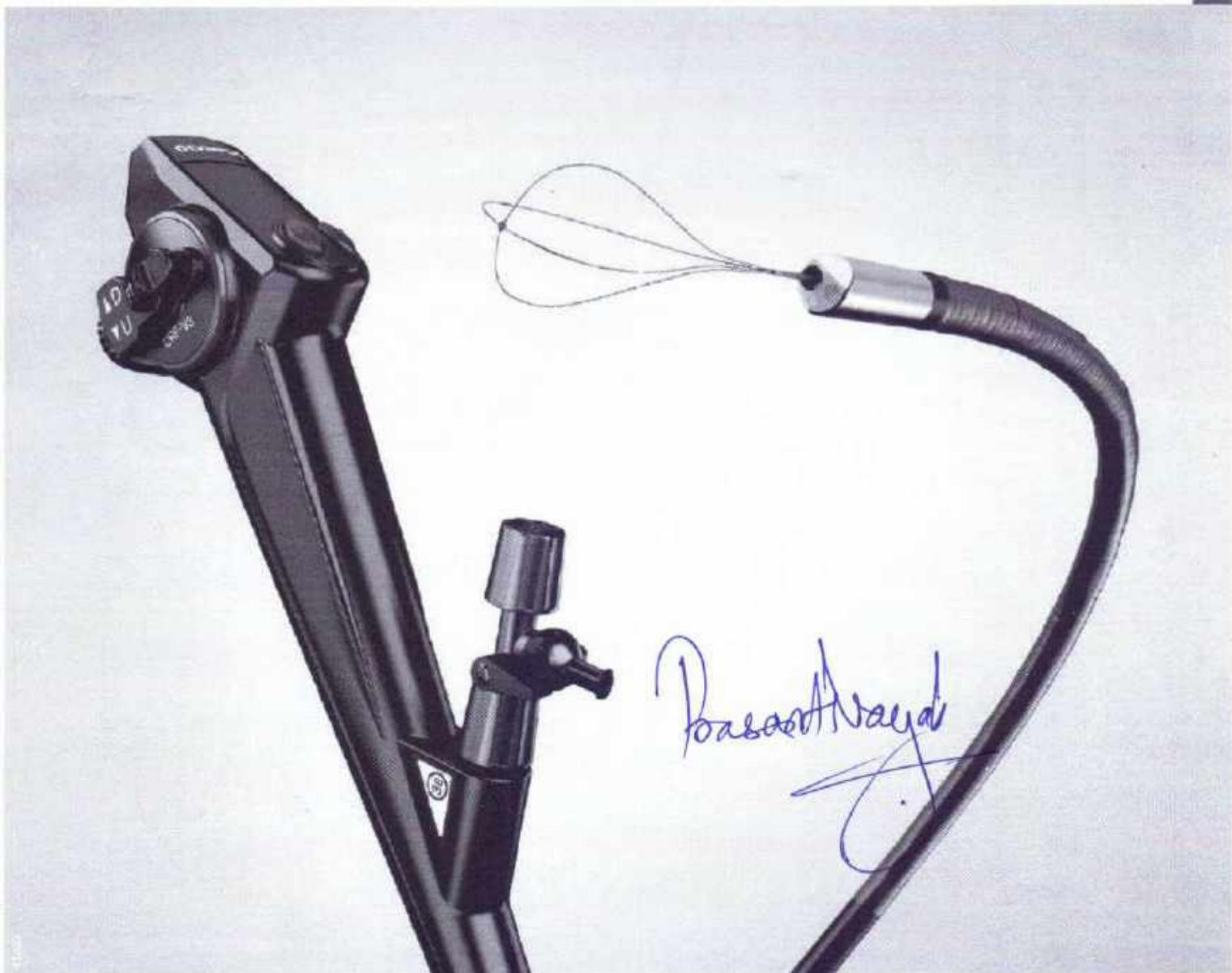
OLYMPUS

VISERA
ELITE II

FLEXIBLE VIDEO URETERORENOSCOPE

URF-V3

High Image Quality and Durability in Superslim 8.4 Fr.



URF-V3

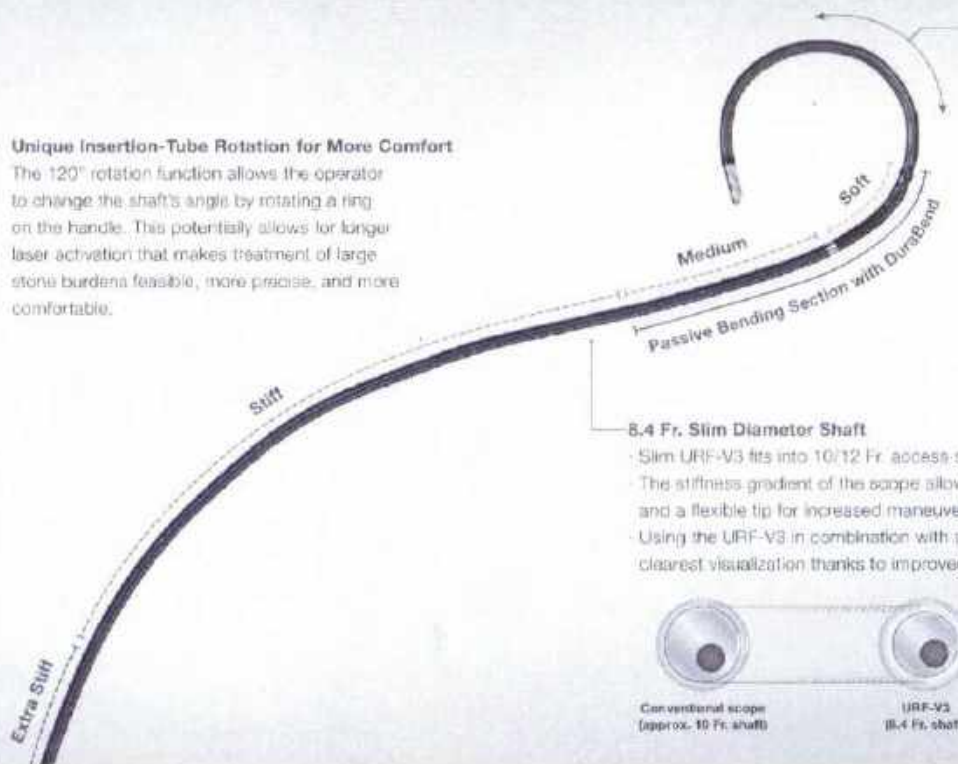
High Durability, Slim Design, and Optimal Maneuverability to Reach Everywhere

Olympus's unique DuraBend insertion-tube design reduces stress on the bending section during insertion in the narrow renal pelvis by passive bending, which increases the durability of the URF-V3.



Unique Insertion-Tube Rotation for More Comfort

The 120° rotation function allows the operator to change the shaft's angle by rotating a ring on the handle. This potentially allows for longer laser activation that makes treatment of large stone burdens feasible, more precise, and more comfortable.



275° Wide Angulation Range

Deflection capabilities of 275° up and down allow for optimal visualization of lower renal calyces as well as upper and middle calyces.



8.4 Fr. Slim Diameter Shaft

- Slim URF-V3 fits into 10/12 Fr. access-sheath allowing for access in tight ureters
- The stiffness gradient of the scope allows for great torque of the scope's shaft and a flexible tip for increased maneuverability during ureteroscopy
- Using the URF-V3 in combination with a 12/14 Fr. access sheath ensures the clearest visualization thanks to improved flow



Stone Treatment and Tumor Detection with NBI

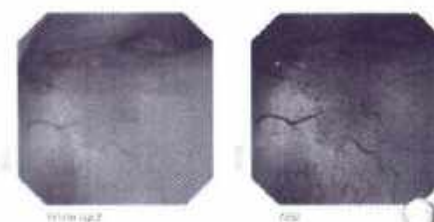
Stone Treatment

The URF-V3 provides a large, distortion-free digital image and an even illumination of the high-resolution image. The ability to resolve small stone fragments in a well-illuminated image ensures that the surgeon can fulfill requirements of thorough and efficient treatment.



Tumor Detection

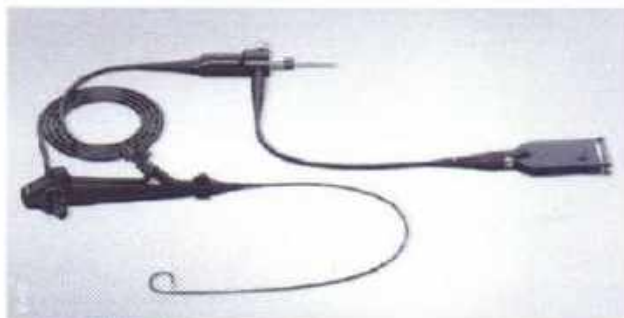
Narrow Band Imaging (NBI) as optical image enhancement technology provides substantial help in better identifying upper tract tumors due to improved visibility of vessel structures.



Resonance

Specifications

URF-V3



Optical System	Field of view	80°
	Direction of view	Forward viewing
	Depth of field	1.5–50 mm
Insertion Tube	Distal end outer diameter	8.5 Fr. (2.83 mm)
	Shaft diameter	8.4 Fr. (2.8 mm)
	Working length	670 mm
Instrument Channel	Inner channel diameter	3.6 Fr. (1.2 mm)
Bending Section	Angulation range	Up 275°
		Down 275°
Total Length		980 mm

Ordering Information

URF-V3 – Standard Set

Order No.	Description
	URF-V3 flexible video ureterorenoscope
	Biopsy valve (10 pieces)
	Forceps/irrigation plug
N5782030	Sterilization cap
	Channel-opening cleaning brush
	Channel cleaning brush
	Single-use, single-ended cleaning brush

Related Products

Order No.	Description
N5426860	VISERA ELITE II imaging system
EG61038BX	UroPass, ureteral access sheath, 10/12 Fr. x 38 cm
EGNT4W18115	Ultra-Catch 4-wire no-tip Nitinol basket
EGGWH3505R	UltraTrack Hybrid Guidewire 0.035"
EGBPS-Y	Disposable port seal
EG5920002BX	Im-Flo irrigation device
EGSSC6026	Soft-Curl ureteral stent 6 Fr. x 26 cm

Service Options

Complementary Service Options for Your Ureterorenoscope Equipment

Clinicians need to be able to rely on their equipment to provide high-quality patient care every day. By choosing Olympus services with new equipment, customers can be assured that they will receive the most value over the contract term and beyond product guarantees.

Assure Optimal Equipment Availability and Budget Security

Equipment Availability

Reliable procedure planning with access to Olympus loaner stock in case of service needs.

Budget Security

Full cost transparency and reduced administration effort thanks to fixed annual service budgets.

Patient and User Safety

Latest service information, specialized tooling, and testing methods to ensure equipment remains safe for you and your patients.

Your Olympus partner will be happy to assist you in finding the right service solution for your environment.

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

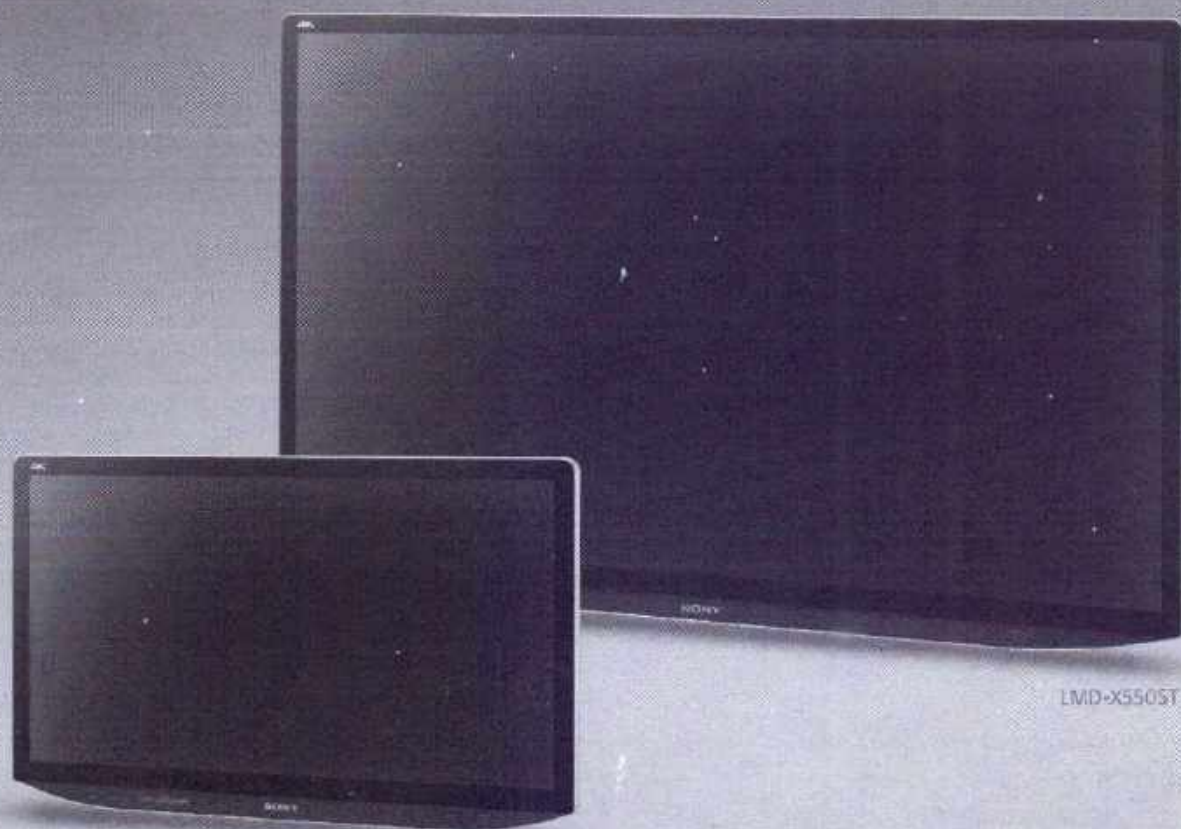
OLYMPUS

OLYMPUS EUROPA SE & CO. KG
Postbox 10 49 08, 20034 Hamburg, Germany
Wendenstrasse 14-18, 20097 Hamburg, Germany
Phone: +49 40 23773-0, Fax: +49 40 237765
www.olympus-europa.com

Boasenhough

SONY

64



LMD-X550ST

LMD-X310ST

LMD-X550ST

LMD-X310ST

LCD MONITOR

Innovation by
Sony & Olympus

4K 3D

Basecamp

4K and 3D imaging is becoming increasingly popular in today's operating rooms. High-resolution 4K imaging and 3D imaging offer depth perception and spatial orientation, providing medical staff with a more realistic visualization of complex surgical procedures.

Sony is proud to introduce 55-inch (model LMD-X550ST) and 31-inch (model LMD-X310ST) medical 4K 3D monitors that can display very high quality 4K Ultra HD color video images in 3D and 2D. These monitors are designed for use with surgical endoscope/laparoscopic camera systems, surgical microscopes, and other compatible medical imaging systems in hospital operating rooms. They are also suitable for use in doctors' offices and surgical centers, and in lecture rooms for educational use.

High Picture Quality

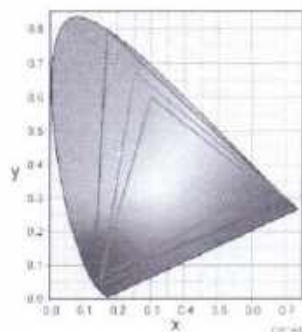
4K Ultra HD Resolutions

4K resolution on a large 31-inch (4096 x 2160) or 55-inch (3840 x 2160)* screen offers high picture quality.

*31-inch (789-mm) and 55-inch (1386-mm) screens are measured diagonally.

Wide Color Gamut BT.2020 signal input supported

These monitors comply with ITU-R Recommendation BT.2020 matching with Olympus 4K surgical Endoscopy system, offering a wider color gamut than the BT.709 color gamut.



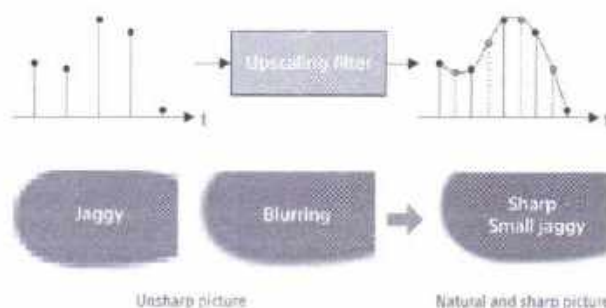
— BT.2020
— LMD-X310ST monitor
— General medical monitor

Pre-Installed Dedicated Values for Olympus Surgical Endoscopy and Systems

Special color settings, 3D settings and 4K/2K auto-detection features (SDI-1 input) are supported for use with Olympus 4K Surgical Endoscopy and existing endoscopy systems. This optimizes operability with Olympus Endoscopy systems.

HD/SD to 4K Upscaling

Thanks to Sony's unique upscaling filter, these monitors can provide a natural, sharp 4K view without blurring or 'jaggies' when you upscale HD/SD images to 4K.



Clear and High-Contrast View by OptiContrast™ Panel

They incorporate Sony's unique high brightness anti-reflective OptiContrast™ Panel. This can control incidental light reflections and dispersion within the LCD panel layer for improved contrast and visibility. It also helps to eliminate dew condensation in the panel.



OptiContrast™ Panel

Zoom Function

Image zoom can be adjusted to 1x, 1.2x, 1.5x, or 2x, allowing an enlarged view of small details while retaining high image resolution. Zoom can be set separately for each input (SDI/HDMI/DVI).

Paula H. Smith

3D Features

Various Display Formats in 3D

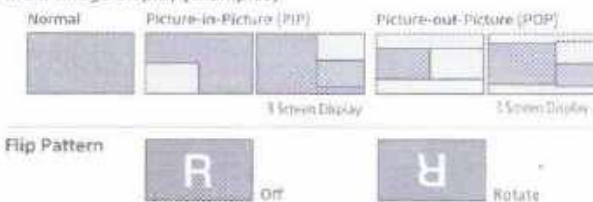
3D/2D operating mode can be set via a display menu and is confirmed by an on-screen indicator. These models can display 3D signals in both HD and 4K, and SDI (3G), DVI, and HDMI terminals are available in 3D mode. The monitors offer various 4K/HD 3D signal display formats such as side-by-side, line-by-line, and top & bottom. Furthermore, dual stream is also available when accepting an HD 3D signal via SDI, which enables the monitor to connect with a wide range of equipment with 3D output.



Wide Range of Display Modes

In addition to displaying a single 3D image, one LMD-X550ST or LMD-X310ST monitor can display images from multiple sources quickly and easily from the menu. For example, the monitor can display 3D images in rotation, side-by-side, picture-in-picture (PIP), and picture-out-picture (POP). 3D PIP/POP multi-image display options include two screens with a main 3D/2D and sub 2D picture, or three screens with three 2D pictures. 3D pictures can also be rotated 180 degrees (image flip).

Multi-image Display (Examples)



Color Matching Function

When displaying 3D images (when you are wearing 3D glasses or a 3D eye-shield), a color matching function minimizes the color shifts between 2D display and 3D display. This function is activated automatically in 3D mode. Also, depth and parallax can be adjusted by a disparity simulation function.*

* Adjusted Images are not reflected in the monitor's loop-through output.

3D Eye-Shield Kit Provided

The lightweight CFV-E30SK eye shield kit comprises one frame and three disposable 3D eye-shields, and is designed for user comfort over extended periods.



2D/3D Switching Button

A 2D/3D switching button is placed on the control panel, which allows users to change modes efficiently and directly.



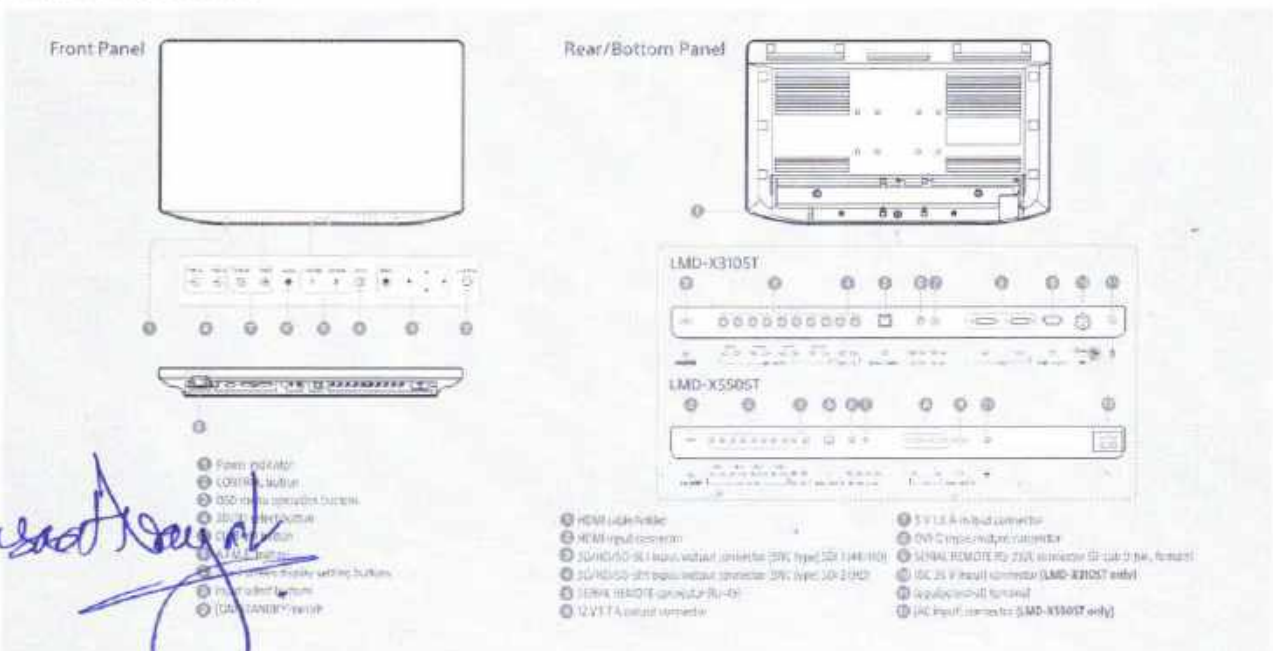
Compact and Stylish Design

Narrow Black Bezel for Optimized 3D Viewing

The narrow black bezel realizes a wider display area which is suitable for displaying in 3D. Also the monitor's slim, compact, easy-to-hold design facilitates simple user adjustment of the monitor position.

User-Friendly Control Panel

Operation is simplified by the monitor's intuitive, easy-to-use control panel. LED backlighting only highlights active control buttons, guiding the user and reducing the risk of inadvertent operation, especially in dark environments. Custom buttons can be assigned to commonly used functions.



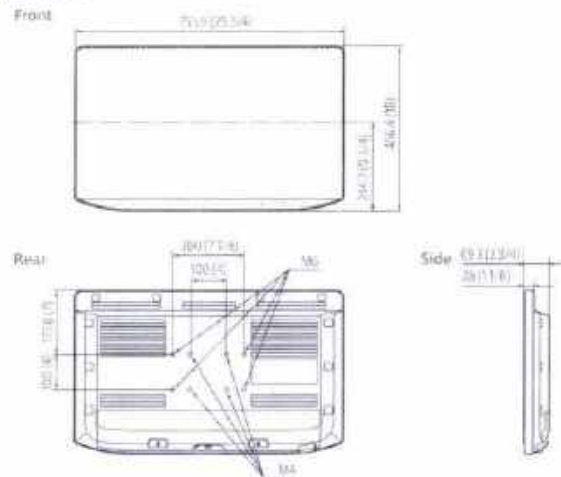
Specifications

	LMD-X310ST	LMD-X550ST
Picture Performance		
Panel	6.5 TFT Active Matrix LCD	
Picture Size (Diagonal)	399.26 mm (15 3/8 inches)	1342.8 mm (54.5/2 inches)
Effective Picture Size (H x V)	399.0 x 225.7 mm (15 3/4 x 8 7/8 inches)	1339.6 x 682.4 mm (52 7/8 x 26 7/8 inches)
Pixel pitch	0.2704 x 0.1704 mm	0.315 x 0.195 mm
Resolution (H x V)	4096 x 2160 pixels	3440 x 2160 pixels
Aspect	17:9	16:9
Pixel Structure	1:1:1 pixel	
Backlight	LED	
Panel Technology	LCD with IPS	
Luminance (Panel Specification)	425 cd/m ² (typical)	525 cd/m ² (typical)
Contrast Ratio	1450:1	1620:1
Number of Gray scale	10 bit	
Colors	1,073,741,824	
Panel Frame Rate	50/60 Hz	100/120 Hz
Viewing Angle (Panel Specification)	> 89° / > 89° / > 89° / > 89°	
Vertical Viewing Angle (3D Mode)	27° at a viewing distance more than 775 mm, crosstalk ratio less than 7% (typical)	17° at a viewing distance more than 1,200 mm, crosstalk ratio less than 7% (typical)
Gamma	Gamma 2.0, 2.2, 2.4, 2.6, DCOM, Highlight	
Input		
HDMI Input	HDMI (x1) (HDCP 1.4a correspondence)	
DVI-D Input	DVI-D (x1) (HDCP 1.4a correspondence, TMDS single line)	
SDI Input	SDI-1 (BNC) (x1) SDI-2 (BNC) (x1) SDI-3 (BNC) (x1) SDI-4 (BNC) (x1)	
Serial Remote (LAN)	D-sub 9-pin (RS-232C) (x1), RJ-45 (Ethernet, 100BASE-T1/100BASE-TX)	
Output		
DVI-D Output	DVI-D (x1) when HDCP disabling	
SDI Output	SDI-1 (BNC) (x1) SDI-2 (BNC) (x1) SDI-3 (BNC) (x1) SDI-4 (BNC) (x1)	
DC 5V/12V Output	5V Output (x1), 3W 12V Output (x1), 20W max	
General		
Power Requirements	LCD monitor DC Input: 24 V, 5 A AC adapter (AP-300MCS) 245 (W) x 150 (L) x 54 (H) mm AC adapter's A: 100 V to 240 V, 50/60 Hz, 2.3 A to 3.5 A	LCD monitor AC Input: 100 V to 240 V, 50/60 Hz, 3.2 A to 3.5 A
Power Consumption	LCD Monitor: Approx. 150 W (max.)	
Operating Temperature	5 °C to 40 °C (32 °F to 104 °F) (Recommended), 10 °C to 50 °C (50 °F to 122 °F)	
Operating Humidity	45% to 85% (no condensation)	
Storage/Transport Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
Storage/Transport Humidity	0% to 95%	
Operating/Storage/Transport Pressure	930 hPa to 1060 hPa	
Dimensions (W x H x D)*	752.8 x 456.4 x 91.3 mm (29 3/4 x 18 x 3 5/8 inches) (Sleeve on 0.16 inch)	1244.4 x 771.5 x 95.5 mm (49 1/8 x 30 3/8 x 3 3/8 inches) (Sleeve on 0.33 inch)
Mass	Approx. 11.8 kg (26 lb 0.23 oz)	Approx. 30.2 kg (66 lb 9.4 oz)
Mounting	100 x 100 mm VESA (M5) 100 x 200 mm VESA (M6)	100 x 200 mm VESA (M6) 300 x 300 mm VESA (M8)
Supplied Accessories		
	AC adapter (AC-10MD) (1) AC power cord (1) Instructions for Use (CD-ROM) (1) Before Using This Unit (1) AC power plug holder (2) Instructions for Use of the AC adapter (1) Service Manual (1) M4 x 10 mm Screw (4) 3D Eye Shield Kit, CFV-E30SK (1) Instructions for Use of the eye shield kit (1) European Representative (1)	AC power cord (1) Instruction for Use (CD-ROM) (1) Before Using This Unit (1) AC power plug holder (1) Service Manual (1) M4 x 10 mm Screw (4) 3D Eye Shield Kit, CFV-E20SK (1) Instructions for Use of the eye shield kit (1) European Representative (1)

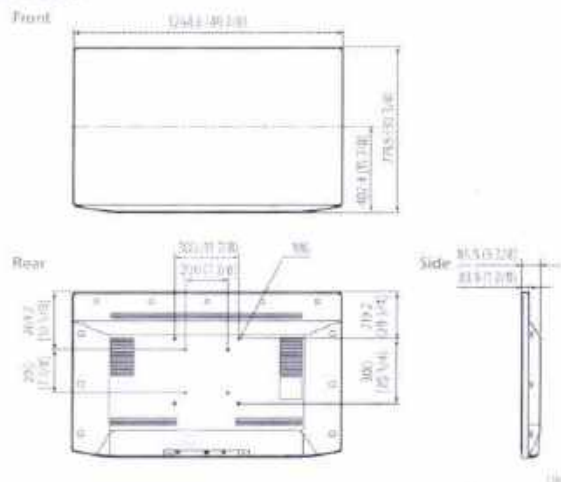
*1 SPD+ input supported 4K/60P Auto signal detection.
*2 The values for dimensions are approximate.

Dimensions

LMD-X310ST



LMD-X550ST



(Unit: mm (inches))

Optional Accessories



Innovation by Sony & Olympus

Distributed by

Basant Singh

SOMED/OP-1 AFO-3 E (01)

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Features and specifications are subject to change without notice.
The values for mass and dimension are approximate.
Some images in this brochure are simulated.
SONY and other marks are trademarks or registered trademarks of Sony Corporation.
All other trademarks are the property of their respective owners.
The "Innovation by Sony & Olympus" phrase and are marks that indicate advanced medical imaging solutions from Sony and Olympus.
This device is not available in some areas.

OLYMPUS

195

SHOCKPULSE-SE

Advanced Dual-Action Lithotripsy for Superior Efficiency and Surgeon Comfort



Basant Singh

SHOCKPULSE-SE LITHOTRIPTER

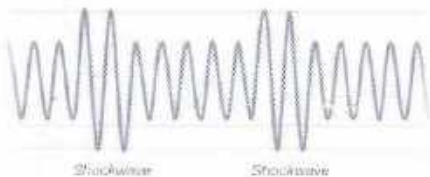
Revolutionary Technology for Superior Stone Clearance

The ShockPulse-SE is a novel, dual-action lithotripsy system that uses proprietary technology to achieve outstanding efficiency in stone fragmentation.

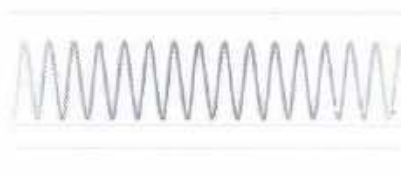
The Technical Principle:

Constant ultrasonic wave energy with intermittent ballistic shockwave energy at a high rate of occurrence never seen before (300 Hz).

ShockPulse-SE Technology



Standard Ultrasonic Vibration



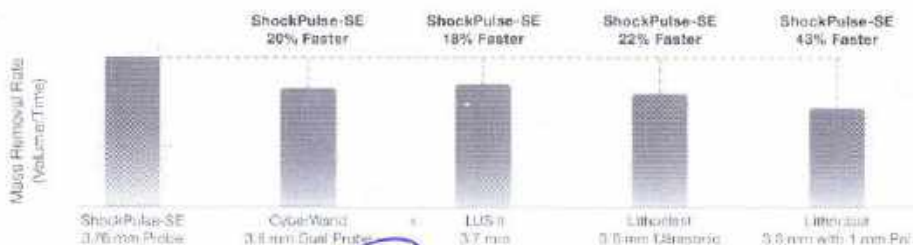
The Clinical Impact:

Outstanding drilling capabilities allowing you to safely fragment the hardest of stones in the shortest of times.

The Next Level of Lithotripsy: Fragment Aspiration Instead of Grasping

- Single probe design with large suction channel for removal of stone dust
- Effectively aspirates all stone sizes, shapes, and compositions, leading to greatly reduced procedure time

Mass Removal Comparison PCNL Probes* (Volume/Time)



The ShockPulse Difference

Large, single-lumen probe quickly drills through all stone types, allowing continuous stone fragment removal.

ShockPulse-SE

Dual Probe Lithotripter



The Clinical Impact:

Vacuums out stone fragments, reducing time spent chasing stones with graspers and baskets.

Hand Activation for Facilitated and Intuitive Surgeon Control

- Single handpiece design, no need to connect separate pneumatic and ultrasonic transducers
- New transducer hand activation eliminates the need for the footswitch
- Ergonomic placement of buttons allows for physician control during PCNL, URS, and bladder procedures
- Transducer maintains low surface temperature throughout entire procedure



Prasanth Nayak

■ Versatility to Satisfy All Clinical Needs

Expanded range of probe sizes available for PCNL, mPCNL, semi-rigid URS, and bladder stone procedures

■ Plug-and-Play System

No setup or tuning required – just one socket for superior ease of use



Ordering Information

Lithotripters

ShockPulse-SE Lithotripsy System

Catalogue No.	Description	Quantity
EGSPL-SR	Generator (SPL-G)	1
	Transducer (SPL-T)	1
	Nose Cone (SPL-NC)	1
	Wrench (SPL-W)	1
	Cleaning Stylet - Large (SPL-CSL)	1

ShockPulse-SE Lithotripsy Accessories

Catalogue No.	Description	Quantity
EGSPL-T	Transducer	1
EGSPL-FS	Footswitch	1
EGSPL-W	Wrench	1
EGSPL-NC	Nose Cone	1
EGSPL-CSL	Cleaning Stylet - Large	1

Sterile, Single Use – ShockPulse Lithotripsy Probes

Catalogue No.	Description	Length	Color	Probe Diameter	Application
EGSPL-PDBX376	ShockPulse Lithotripsy Probe, Sterile Single Use, (3/Box)	395 mm	Silver	3.76 mm (11.3 Fr)	PCNL / Bladder
EGSPL-PDBX340	ShockPulse Lithotripsy Probe, Sterile Single Use, (3/Box)	395 mm	Blue	3.40 mm (10.2 Fr)	PCNL / Bladder
EGSPL-PDBX183	ShockPulse Lithotripsy Probe, Sterile Single Use, (3/Box)	418 mm	Red	1.83 mm (5.5 Fr)	Mini PCNL
EGSPL-PDBX150	ShockPulse Lithotripsy Probe, Sterile Single Use, (3/Box)	564 mm	Green	1.50 mm (4.5 Fr)	URS
EGSPL-PDBX097	ShockPulse Lithotripsy Probe, Sterile Single Use, (3/Box)	578 mm	Gold	0.97 mm (2.91 Fr)	URS (no suction)

Reusable ShockPulse Lithotripsy Probes

Catalogue No.	Description	Length	Color	Probe Diameter	Application
EGSPL-PR376	ShockPulse Lithotripsy Probe, Reusable, (1/ea)	395 mm	Silver	3.76 mm (11.3 Fr)	PCNL / Bladder
EGSPL-PR340	ShockPulse Lithotripsy Probe, Reusable, (1/ea)	395 mm	Blue	3.40 mm (10.2 Fr)	PCNL / Bladder
EGSPL-PR183	ShockPulse Lithotripsy Probe, Reusable, (1/ea)	418 mm	Red	1.83 mm (5.5 Fr)	Mini PCNL
EGSPL-PR150	ShockPulse Lithotripsy Probe, Reusable, (1/ea)	564 mm	Green	1.50 mm (4.5 Fr)	URS
EGSPL-PR097	ShockPulse Lithotripsy Probe, Reusable, (1/ea)	578 mm	Gold	0.97 mm (2.91 Fr)	URS (no suction)

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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OLYMPUS EUROPA SE & CO. KG
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Phone: +49 40 23773-0, Fax: +49 40 233765
www.olympus-europa.com

Handwritten signature: Pasathayal



**MEDi PLUS**

574, Lewis Road, FL No B/108, 1st Floor
 Madhab Nilaya Apartment
 Bhubaneswar-751014, Ph. : 0674-2432417
 Mob. : 9437549455 / 9437036192
 E-mail : mediplus.bbsr15@gmail.com

Ref: MP/DR AIIMS/BBSR/2020-21
 Date: 10th August 2020.

To,
 The Head of Department (Urology),
 All India Institute of Medical Sciences,
 Patrapada, Sijua,
 Bhubaneswar.

Sub: Submission of Quotation for Supply of upgradation Up-gradation of existing 3D Video Imaging System) (Make OLYMPUS) Procurement of Flexible Cystoscope & Ureterovideoscope with chip on the tip on compatible basis with the installed & functional Olympus 3D Video Imaging System in OT

Ref: Your mail dated 29-07-2020 to Olympus India regarding Up-gradation of existing 3D Video Imaging System) (Make OLYMPUS)

Respected Sir/Madam,

We are pleased to offer our lowest possible price for the above mention product with 5 years warranty and 5 years CMC after warranty. Hope the price will be accepted by your institution.

Offer

Sl No.	Item Code	Description	Qty	HSN Code	GST%
1	N6006030	CYSTO-NEPHRO VIDEO SCOPE	2	90189044	12%
2	5860730	FG-53SX-1 GRASPING FORCEPS	4	90189023	12%
3	4659530	FB-19C-1 BIOPSY FORCEPS	4	90189023	12%
4	WA23080A	WA23080A LEAKAGE TESTER	2	90318000	18%
5	WA05991A	WA05991A INSTRUMENT TRAY for Scope	2	73269099	18%
6	N5782130	URF-V3R PAL URETERO-RENO VIDEOSCOPE	2	90189044	12%
7	WA23080A	WA23080A LEAKAGE TESTER, FOR FLEXIBLE OL	2	90318000	18%
8	GR181101	Carrying case-Upper body	2	42029900	18%
9	GZ775400	BOTTOM CUSHION_H	2	39269099	18%
10	GJ691200	UPPER SIDE CUSHION	2	39219099	18%
11	N542686	Olympus II SYSTEM V E	1	90189044	12%
12	4172130	FG-36D-A GRASPING FORCEPS	4	90189023	12%
13	5850830	FB-56D-1 BIOPSY FORCEPS	4	90189023	12%
14	A10000001030	LMD-X550ST 55" 3D-4K Monitor	1	85285900	28%
15	K10029893	TC-C4 (SET 3) COMPACT TROLLEY WITH MAJ-2	1	94029090	18%
16	K10026879	MAJ-2147 COMPACT LCD MONITOR ARM	1	85299090	18%
17	K10022056	MAJ-1665 CAMERA HEAD HOLDER	1	9006	18%
18	N5781330	LTF-S300-10-3D	1	90189044	12%
19	N3818560	IMH-200 IMAGE MANAGEMENT HUB	1	90189099	12%
20	A10000003110	HARD DISK DRIVE 1TB	2	84717020	18%
21	WA4KL130	WA4KL130 TELESCOPE 'ULTRA', 10 MM, 30DEG	1	90189044	12%
22	WA05990A	WA05990A INSTRUMENT TRAY for telescope	1	73269099	18%
23	A10000000140	MONITOR STAND	1	73269099	18%
		Total Price Excluding GST	1,01,47,804.00		
		Total GST Price	15,92,821.94		
		Total Price Including GST	1,17,40,625.94		
		Rounded off Including GST	1,17,40,626.00		
(Rupees. One Crore Seventeen Lacs Forty Thousand Six Hundred & Twenty-Six) only Including GST					

Deals in : Drugs, Laboratory Reagent, Surgical Goods,
 Medical Equipments & Instrument, Hospital Furniture
 & all Hospital Supply products.

GSTIN : 21ABKPM7659N1Z1
 Drug Licence No. KH-17319-W, KH-17320-WC & KH-8000-WX

65

CMC after 5 Years Warranty, GST as extra

1 st Year	2,65,415.00
2 nd Year	2,65,415.00
3 rd Year	2,65,415.00
4 th Year	2,65,415.00
5 th Year	2,65,415.00

Terms & Conditions.

1. The above prices are with 5 years comprehensive warranty.
2. Service charge @ 18% extra as applicable on CMC prices
3. Payment terms shall be as per terms & condition of AIIMS Bhubaneswar

Thanking You,

Yours Faithfully,
For Medi Plus,


Authorized Signatory



(76)



MEDI PLUS

574, Lewis Road, FL.No.8/108,1st Floor
 Madhab Nilaya Apartment
 Bhubaneswar-751014, Ph. : 0674-2432417
 Mob. : 9437549455 / 9437036192
 E-mail : mediplus.bbsr15@gmail.com

Ref: MP/DR.AIIMS/BBSR/2020-21
 Date: 10th August 2020

To,
 The Head of Department (Urology),
 All India Institute of Medical Sciences,
 Patrapada, Sijua,
 Bhubaneswar.

Sub: Submission of Quotation for Supply of Shockpulse Dual Action Lithotripsy (Ultrasonic & Mechanical) (Make: OLYMPUS) for the Department of UROLOGY at AIIMS, Bhubaneswar

Respected Sir/Madam,

We are pleased to offer our lowest possible price for the above mention product with 5 years warranty and 5 years CMC after warranty. Hope the price will be accepted by your institution.

Offer

Sl No	Item Code	Model	Qty	HSNC Code	GST %
1	SPL-SR	SPL-SR SHOCKPULSE-SE LITHOTRIPSY SYSTEM	1	90189044	12%
2	SPL-FS	SPL-FS SHOCKPULSE LITHOTRIPSY FOOTSWITCH	1	90189044	12%
3	SPL-PR376	SPL-PR376 SHOCKPULSE PROBE, REUSABLE, 3	2	90189044	12%
4	SPL-PR183	SPL-PR183 SHOCKPULSE PROBE, REUSABLE, 1	1	90189044	12%
5	SPL-PR150	SPL-PR150 SHOCKPULSE PROBE, REUSABLE, 1	1	90189044	12%
6	SPL-T	SPL-T SHOCKPULSE LITHOTRIPSY TRANSDUCER	1	90189044	12%
Total Price Excluding GST			31,50,000.00		
Total GST Price			3,78,000.00		
Total Price Including GST			35,28,000.00		

(Rupees.Thirty Five Lakh Twenty Eight Thousand) only Including GST

CMC after 5 Years Warranty, GST Extra

1 st Year	54,120.00
2 nd Year	54,120.00
3 rd Year	54,120.00
4 th Year	54,120.00
5 th Year	54,120.00

Terms & Conditions,

1. The above prices are with 5 years comprehensive warranty.
2. Service charge @ 18% extra as applicable on CMC prices.
3. Payment terms shall be 100% advance along with confirm order.

Thanking You,

Yours Faithfully,
 For Medi Plus,

Authorized Signatory

Deals in : Drugs, Laboratory Reagent, Surgical Goods,
 Medical Equipments & Instrument, Hospital Furniture
 & all Hospital Supply products.

GSTIN : 21ABKPM7659N121

Drug Licence No. KH-17319-W, KH-17320-WC & KH-6000-WX