



Carl Zeiss Meditec AG 07740 Jena

The Director
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RIMS Road, Lamphelpat
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Division/Dept.: Sales
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Our ref.: ToMu / KSt
Date: March 14th, 2016

**PROPRIETARY CERTIFICATE FOR ZEISS OPMI VARIO SURGICAL MICROSCOPE
FOR PLASTIC & RECONSTRUCTIVE SURGERY**

Dear Sir,

We hereby certify that the **OPMI Vario Surgical Microscope on S88 Floor Stand** for Plastic and Reconstructive Surgery is the **proprietary product of Carl Zeiss Meditec AG, Germany**.

The **ZEISS OPMI® Vario Surgical Microscope on the S88 Floor Stand** offers outstanding ease of use, brilliant optics, excellent flexibility, superb illumination and very good manoeuvrability with following features and benefits:

The high-speed apochromatically corrected **Varioskop®** and **zoom optics** guarantee excellent detail recognition with outstanding colour fidelity.

The large focusing range from 200 mm to 415 mm (optionally extendable from 210 mm to 535 mm with an auxiliary lens) without any need to change the objective provides the most convenient working distances for all procedures.

The integrated illumination with a variable **illuminated field diameter down to 11 mm** (spot illumination) ensures superb depth perception and high contrast.

Contrast-reducing areas in the periphery of the surgical field are effectively eclipsed by the spot illumination.

The zoom link permits **constant brightness in the eyepieces** and couples the focusing speed with the magnification.

Chairman of the Supervisory Board:
Dr. Michael Kaschke

Address of Record:
Goeschwitzer Str. 51-52
07745 Jena, Germany
Tel.: +49 36 41 220-0

Deutsche Bank Jena
Account: 624536900 (BIC 820 700 00)
S.W.I.F.T.-Code: DEUT DE 8EXX
IBAN: DE90820700000624536900

Commercial Register:
Local Court Jena HRB 205623
VAT-ID. No. DE 811 922 737
WEEE-Reg.-Nr. DE55298748

Board of Management:
Dr. Ludwin Monz, President and CEO
Thomas Simmerer
Dr. Christian Mueller

Address for Delivery:
Carl Zeiss Meditec AG
Carl-Zeiss-Promenade 10
07745 Jena, Germany

Commerzbank Jena
Account: 258072800 (BIC 820 400 00)
S.W.I.F.T.- Code: COBADE33XXX
IBAN: DE31820400000258072800

The most important functions are operated from the handgrips. Additional **programmable keys** facilitate the surgeon's work (e.g. brightness, 35 mm or video photography, ...). The handgrips can be rotated through 180° allowing the system to be also operated by the assistant in a face-to-face position. A foot control panel can be optionally attached.

It is easily possible to remote control a **video recorder**, etc. via **the AUX remote control socket** using the handgrips or the foot control panel of the surgical microscope.

There is an **integrated digital display** for teaching and co-observation purposes.

The **compact design** allows comfortable work, even in extreme positions of the surgical microscope.

Face-to-face configuration with the **stereo bridge** (optional). **Symmetrical design**, rotatable binocular tubes and excellent optics guarantee ergonomic surgery with minimum fatigue.

Reliable locking of the position of the suspension system and optimum, almost effortless mobility through **magnetically locked axes**

Pinpoint positioning due to the **selective opening of the brakes** of the suspension system axes for travel in x, y and z directions.

Outstanding positioning in the operating theatres thanks to large radius of action in both the vertical and horizontal directions. **The optional height-adjustable power column with a range of 530 mm offers full over-head capability**, allowing the surgeon to place the system behind his back during surgery and hence create more space around the surgical field.

180 W xenon illumination with 180 W xenon backup bulb is integrated. The fast action changer guarantees rapid lamp change and constant colour temperature for observation. This also ensures that the surgeon continues to enjoy a crisp, razor-sharp image and excellent colour rendition in the video image after the lamp has been changed.

Upgrading of the surgical microscope with accessories practically without limitation due to generous **carrying capacity of the stand of 20 kg**.

Optimum **manoeuvrability thanks to 4 rotating castors** and a sturdy, ergonomically designed handle.

Optimum care and cleaning conditions thanks to internal routing of cables and the smooth surfaces of the stand and the microscope body

Accessories: With the stereo bridge, stereo coobservation tube and the MediLive video camera, the system can be perfectly tailored to the respective application and to the customer's requirements.

Integratable X-Y coupling (optional) with a travel range of +/- 20 mm and 14-function foot control panel leave the surgeon's hands free for surgery (focusing, zoom, centering and programmable functions).

Navigation Interface (optional) for safe and fast integration into the systems of the leading IGS partners (5-button panel on the handgrip, and ODU MAC connector, an interface cable). This interface allows a navigation system to be used with the surgical microscope.

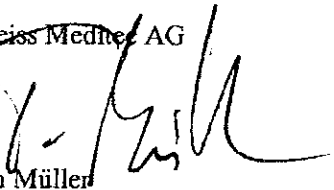
Micromanipulator interface (optional) for laser application allows fast, straightforward attachment of the micromanipulator. A focus stop button on the microscope body locks the focus of the surgical microscope once it has been matched to the focus of the laser.

Mounting bracket for video units (optional) for correct positioning on the S 88 floor stand

We look forward to receiving your valuable order soon.

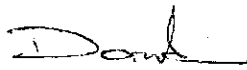
Carl Zeiss Meditec AG

i.V.



Torsten Müller
Senior Director Sales
Commercial Strategy & Operations

i.A.



Katja Dornheim
Assistant

TECHNICAL SPECIFICATION FOR SURGICAL OPERATING MICROSCOPE

- 1. Working distance : **215-535 mm** continuously variable through motorized multifocal lens, activated through Hand and Foot switch and through control panel. Manually adjustable override.
- 2. Magnification range : **18 x magnification or more**
- 3. Field of view : Minimum field of View **14 mm -140 mm** with 12.5X eyepiece with Diopter correction +5D to -8 D
- 4. Focusing : Microscope Should have **Autofocus System**.

Motorized via multifocal lens activated through Hand and Foot Switch or Control panel. Also have facility for manually adjustable override.
- 5. Eyepieces : 12.5X eyepieces with Diopter correction +5D to -8 D
- 6. Light Source : **Xenon illumination** with integrated **Xenon back-up** and Single button Automatic lamp Change over. Illumination can be control by hand switch and footswitch.
- 7. Illumination Field Diameter : Should have Built in automatic zoom-synchronized illumination field diameter, with manual override and reset feature. **Automatic Iris Control or AutoIris**
- 8. Binocular tube : **0 -180° Titable** binocular tube(must) 12.5X eyepieces with Diopter correction +5D to -8 D
- 9. Suspension system & Height : True overhead capability not less than **7Kg**. Height in Stand by Position not less than **1300mm**. **Floor stand should have the height adjustable facility**, must have magnetic brakes and clutches for all six axes (three for microscope and three for stand)
- 10. Foot Switch : 14 function wireless footswitch. (With wire footswitch is not acceptable)
- 11. Electrical Data : Microscope should have **automatic Circuit Breaker**

Voltage : 115 / 230 V + / - 10%

Frequency : 50 – 60 Hz.
- 12. After Sale & Service : After Sales & Service will be provided by the **Manufacturer company**. Should have sufficient stock of spare in their local office.



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TECHNICAL SPECIFICATION FOR SURGICAL OPERATING MICROSCOPE

Microscopic Co-observer Systems and Microscopic Documentation.

- 1. Beam Splitter : Intergraded Beam Splitterhaveminimum four port.
- 2. Stereo co observer : Should have stereo co-observation attachment for assistant
360° deg. movement of binocular with 12.5X eyepices 12.5X eyepieces with Diopter correction +5D to -8 D
- 3. Face to Face attachment : Built in face to face attachment with **0 -180° Titable(must)**
binocular Tube with 12.5X eyepiece with Diopter correction +5D to -8Dwith Stereo scope similar view with main surgeon.
- 4. Camera : **IntergradedHDVideo** Camera.
- 5. Display : **HDdisplay system attached with the microscope body.** (No External Monitor / detachable monitor will be acceptable)
- 6. Recording : Recording system with **integrated HDDwith HDMI input/ output.**
Data can be retrieved through **Pen-Drive or External Hard Disk.**
- 7. After Sale & Service : After Sales & Service will be provided by the **Manufacturer company.** Should have sufficient stoke of spare in their local office.



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e-mail : vian2chem@yahoo.co.in

D.L. NO. 27/28/QP/16-X/DHS-2001

TIN. No. 14010144173, C.S.T. No. 14010945233

LANGOL CHEMIST & DRUGGIST AGENCY

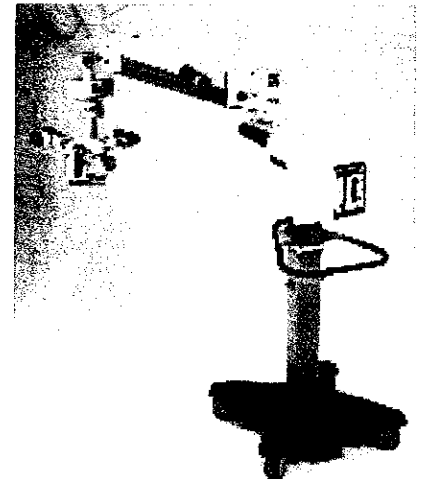
KOMBIREI MARKET, RIMS SOUTH GATE, LAMPHEL

Quotation

To
Regional Institute of Medical Sciences
Imphal

Consisting of OPMI® VARIO with motorized zoom and Varioskop focus with variable, stepless working distance from 210mm to 535mm, on S88 floor stand or S88 floorstand with height adjustable column or S8/S81 ceiling mount, binocular tube f=170mm, widefield eyepieces, Superlux 180 xenon illuminaton, cold light fiber optics. Suspension systems feature magnetic brakes.

<u>DESCRIPTION</u>	<u>QTY</u>	<u>PRICE (INR)</u>
OPMI® VARIO for neuro, spinal and P&R surgery	1	
OPMI® VARIO and support arm	1	
Electronic Components OPMI Vario / VISU	1	
Dust cover for OPMI® blue	1	
S-light guide, 2.5 m with 90-deg.connector	1	
Floorstand S88	1	
Xenon illumination - S8/S81/88	1	
Tiltable binocular tube f=170mm, 180 degrees	1	
Widefield, push-in eyepiece 10x	2	
S8 coupling for OPMI without shaft: OPMI Vario	1	
Beamsplitter 50	1	
Auxiliary lens OPMI Vario + OPMI Neuro / NC 4	1	
Dovetail for mounting a Zeiss MM6 microma-nipulator on OPMI VARIO	1	
HD Camera	1	
System cable DVI-D, 5m	1	
6-pack asepsis caps 27 mm	1	
6 pack asespsis caps, for PD adjustment,	1	
22 mm asepsis caps, pack of 6	1	
6-pack asepsis caps 12 mm	1	
Transport packaging for S88 floor stand	1	



TOTAL FOB PRICE upto Kolkata Airport

Rs. 65,02,240/-

Tax Extra @ 13.5%

AUTHORISED DEALER :-

Vijay
M/S LANGOL CHEMIST
&
DRUGGIST AGENCY
RIMS South Gate, Imphal
14173

OLYMPUS

HEIMAN
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NIPRO

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K/ME/HS/105/R
March 12, 2016



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E-mail : cal@zeiss.com
http : www.zeiss.co.in

MANUFACTURERS' AUTHORISATION

To,
The Director
Regional Institute of Medical Sciences
Imphal

Dear Sir,

We **Carl Zeiss Meditec AG, Germany** are the original manufacturers of the above equipment having subsidiary organization **Carl Zeiss India (Bangalore) Pvt. Ltd** Plot No. 3, Jigan Link Road, Bommasandra Industrial Area Bangalore 560 099, India, Tel. : + 91 80 43438000 , Fax.: + 91 80 27833010, www.zeiss.com having factories at **Oberkochen, Germany** do hereby **authorize M/S LANGOL CHEMIST AND DRUGIST AGENCY, RIMS SOUTH GATE, IMPHAL 795 001** to bid, negotiate and conclude the contract with you against the purchase of Neuro / P& R surgical microscope on March 2016 for the above goods manufactured by us.

No company or firm or individual other than **M/S LANGOL CHEMIST AND DRUGIST AGENCY, RIMS SOUTH GATE, IMPHAL 795 001** are authorized to tender negotiate and conclude the contract in regard to this business against this specific IFB as also for all business in the entire territory of India.

We hereby extend our full guarantee and warranty for the goods offered for supply against this Invitation for Bid by the above firm.

Thanking you,

Your faithfully,

for **CARL ZEISS INDIA (BANGALORE) PRIVATE LIMITED**


Himadri Sarkar (Mr.)



Carl Zeiss, India
Manager – Sales
Medical Products Division,
Visualization Solutions & Microsurgical Workplaces

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