

Indian Institute of Technology Kanpur

Department of Material Science & Engineering

Dr. Tanmoy Maiti
Assistant Professor
Department of MSE

Enquiry no.: IITK/MSE/TM/2012-2013/02

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Last Date: 18/03/13

Enquiry for far field measurement setup

We would like to purchase a far field measurement setup for our laboratory scale experimentation. Offered product should take into account specifications given below.

Specifications:

Item	Qty.
1. Component list of for far field measurement setup Fiber Coupled Tungsten Lamp with power supply and lamp house. Wattage: 50W, 12v Spectral Rang: 380nm to 2400nm power supply: switch mode power supply Lamp House: Aluminum with black anodized finish. Fiber: 0.5 meter long, 3mm OD jacketed, 50/125 μ 0.22 NA MM (200-1100 nm) UV-VIS-IR fiber connector.	1 No.
2. Zero Variable Aperture with Mount along With lever Type: spring steel leaves Maximum aperture: 22mm Minimum aperture: 0 Number of leaves: 14 Mount: post and post holder type construction: Aluminum Finish: Black anodized	1 No.
3. Motorized linear polarizer rotator Polarization Efficiency : 99% Extinction Ratio (Linear): 9000:1	1 No.

Wavelength :Visible Rotation: 360 Degree continuously rotatable With coarse to fine rotation knob. Fine rotation angle: 360 Degree Resolution : 0.01 Degree Mount: post and post holder type Construction: Aluminum Finish: Black anodized	
4. Quarter wave plate	1 No.
5. Focusing lens unit with translation unit Wavelength range: UV-VIS-SIR Diameter: 25mm Mount: post and post holder type Travel: 25mm Resolution: 0.01mm Construction: Aluminum Finish: Black anodized	1 No.
6. focusing lens aberration corrected	1 No.
7. MRRS series two theta Motorized rotation (servo based) stage with telescope Arm Rotation: 360 degree continuously rotatable for sample plate Design: precision worm gear with double bearing Resolution: 0.005 degree for telescope Resolution: 0.005 degree for sample plate Marking: Graduated rotary scale for visual reference Construction: Aluminum Finish: black anodized	1 No.
8. control electronics and software for MRS series two theta motorized rotation stage (servo based)	1 No.
9. Optical breadboard	1 No.
10. Active vibration isolation system with compressor unit	1 No.
11. Fiber optic patch cord with SMA connector 200-1150nm range 1.5mt	1 No.

Terms & Conditions:

1. 1) Cost of the items including relevant accessories with technical specification should be mentioned in detail
2. 2) Prices should include delivery up to IIT Kanpur.
3. 3) Warranty should at least be for one year after installation.
4. 4) Validity of quotation should be at least for 60 days
5. 5) Delivery period: Within 90 days from the date of purchase order

Kindly send your best offer (Technical offer separately) and the quotation along with your authorized dealer certificate to address given below.

With Regards

Dr. Tanmoy Maiti

Faculty Bldg. 409,

Department of Material Science & Engineering

Indian Institute of Technology Kanpur

Kanpur – 208016, India