

**Department of Mechanical Engineering  
Indian Institute of Technology, Kanpur**

**IITK/ME/2011-2012 /SB 02  
Date: 31-01-12**

**Sealed Quotation for following term:**

**Opening date: 31-01-12**

**Closing date: 05/02/2012**

**Subject : Purchase of Laboratory Microscope with Bright field/ Dark field options.**

**The detailed specifications are mentioned below.**

**BASIC MICROSCOPE BODY**

- Lamp specification
- Power cord BE (220-240V)
- Halogen lamp 12V-100W LL
- Immersion oil A, 8cc

**MECHANICAL STAGE SPECIFICATION**

Rectangular mechanical stage size 243mm X 159mm with a cross traverse of 78mmX54mm  
R2 W/ 2- SLIDES SPECIMEN HOLDER  
Y-TF2 SIDENTPF DESIGN TRINOCULAR TUBE for FOV22/25mm and inter-pipullary distance of 50-75mm“f2”

Anti mould agent

Eyepiece lens

Rotational stage for angular rotation of sample.

**OBJECTIVES SPECIFICATION**

- Long working distance objective (4x or 150x)

**DIGITAL COOLED CAMERA SPECIFICATION**

- CCD camera with resolution of 1.4 million pixels or more
- Peltier cooled.
- Frame rate 165 fps.

**IMAGE ANALYSIS SOFTWARE MODEL IMAGE PRO EXPRES**

**Form**

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