

Quotation

No:

Customer address



徕卡仪器（德国威兹勒）公司北京办事处
北京首体南路6号新世纪饭店办公楼858室
联系人：

TEL:

010-68492698-53

FAX:010-68492965

Email:leicachina@gmail.com

Date: May 08, 2007

Qty

Description

DMI5000 M (BF, DF, DIC)

With manual Focus and Trinocular Tube

With manual ICR turret

POL (mech analyser/ mech. polarizer)

Without Magnification Changer

Fixed mount to the right

Lamp housing 107/2, 12V 100W,

Manual 3 plate stage with insert

Inserts for Fixed stages 10mm

Eyepieces HC PLAN S 10x/25 Br. M with graticule

PL FLUOTAR objectives (5x, 10x, 20x, 50x, 100x)

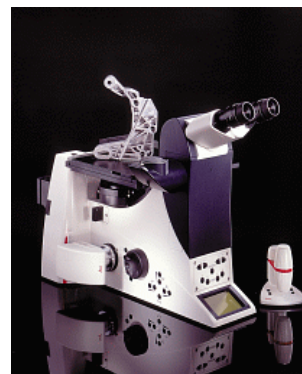
DMI5000M显微镜

明场、暗场、偏光观察方式

三板机械载物台

研究级平场半复消色差物镜

25mm宽视野目镜



1 显微镜主机

DMI5000 M stand with manual focus drive.

Prepared for TopPort. Prepared

for all major RL contrasting methods. Prepared for

motorized right and

left ports with different light-splits. Prepared for

motorized

magnification changer. Including motorized and

coded Objective turret

for all contrasting techniques and for 5x M32 threat

objectives with

45mm parfocal-distance. Leica HCS infinity optics,

Field of view 25mm.

High resolution display for status information.

Including Dust Cover.

Control elements:

- 7 fixed control buttons for illumination and

aperture function keys

- 3 fixed buttons for focus control

- 2 focus hand wheels

- 4 buttons for reflector cubes

- 4 buttons for Magnification changer and ports

- Interfaces:

- 2x RS232C

- 4x ext./int. periphery

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| | <p>DMI5000M显微镜主机
主机顶部包含摄像出口
32mm电动物镜转盘,物镜转换45mm齐焦、聚焦精度高,不离焦,
高分辨率、大液晶屏显示显微镜工作状态
(放大倍数、视场光阑、孔径光阑、光照强度、明暗场观察方式、)
液晶屏幕的亮度、对比度可以手动控制也可以计算机控制
是目前世界唯一可以100%重复同一观察条件的显微镜
第一部真正全自动智能化材料显微镜,而不是对手也可以做到的自动显微镜
在各种观察方式转化和物镜转换时,显微镜自动调整光强、光阑使显微镜自动达到最佳工作状态,避免显微镜调整的麻烦,使观察者全力关注观察对象,提高工作效率,和准确性。
高稳定的机身设计和温度补偿专利技术
CICC专利智能色温平衡系统色温恒定专利技术,在物镜转换和观察方式转换时保持图像色温恒定,不会因为显微镜光强变化引起图像色温改变,永远保持在不同灯光强度下,图像色温的恒定。
自动物镜转换后,显微镜控制系统自动找齐物镜焦平面,并精确显示在大液晶屏上
7个按钮控制照明强度、视场光阑、孔径光阑、4个按钮控制反光镜
各个按钮功能可以根据用户喜好自由设定</p> |
| 1 | <p>三目镜筒
Trinocular Ergonomic Tube. Binocular observation via eyepieces and an additional side camera port. Variable light path 100% visual/0% camera, and 50% visual/50% camera.
Including:
Siedentopf design
For optimal ergonomy: eyepiece module in 2 directions mountable (up and down)
Field of view 25 mm
Eyepiece diameter 30 mm
Variable interpupillary distance range 55 mm to 75 mm
Variable viewing angle 10°to 45°
人体工学三目镜筒, 10—45度可倾斜、适合不同高度人和不同角度观察, 操作舒适
瞳孔间距55-77mm调节
包含顶部光路出口</p> |
| 1 | <p>自动控制箱
Leica CTR4000 Electronics Box with built-in power supply AC 90-250 V, 50-60Hz, with plugs for two 12V 100W Halogen-Lamps (incident and transmitted). Including cable for the connection to Microscope.
显微镜自动控制箱, 控制显微镜照明强度、孔径光阑
视场光阑、观察方式的转换、包含灯室变压器
显微镜主机内部不包含任何发热部件, 不会因发热影响显微镜内部光路和物镜、保证光学的稳定性延长显微镜寿命, 缩短显微镜光路, 减少光损失, 充分发挥物镜的功能
自动控制软件可以方便地控制显微镜</p> |

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1	自动反光镜转盘 Motorized 4 position filter turret. Excess to reflectors via a drawer for easy and fast change of reflectors. No motorized magnification changer but equipped with a fixed 1x tube lens. 自动反光镜转盘，自动快速完成明暗场转换。最新光学技术设计，避免显微镜光路不能精确对中风险
1	明场反光镜 Reflector BF fixed; to be mounted in IL turret 4-fold, not removable 自动明场反光镜
1	暗场反光镜 Reflector DF, to be fixed with screws into 4-position IL turret. 自动暗场反光镜
1	光学出口 Port Substitution Module. Internal compensation lens-system 光学出口
1	灯室底座 Lampmount for one lamp housing, one fiber optic or one laser coupling. Ergonomically angled 90° to the right for easy adjustment of "L" lamp-housings. 灯室底座
1	显微镜灯室 Lamphousing 107/2 for transmitted light, with non adjustable lamp mount for Halogen lamp 12V 100W, with 1-lens collector and heat protection filter, mains cable 2,50 m 显微镜灯室（包含热保护装置）
1	机械物台 Manual 3-plate-stage. Travel range: 60mm x 100mm. Aluminum, extremely scratch-resistant, precisely plane-parallel for 160mm x 110mm frame and 4 different round inserts. Ergonomic operating handle with coaxial drive for x and y: low position, no interference with microscope controls or camera ports. Adjustable torque, extremely precise and sensitive. Three point mounting. 三板机械物台，人体工程学设计，X、Y移动同轴控制，移动力矩可调，物台三点稳定支撑。移动手柄低位人体工程学设计 物台表面有耐磨陶瓷镀层
1	样品台台面板 Stage insert 160 x 110mm for round 80mm inserts with different openings 样品台台面板
1	5mm直径样品托盘 Round (80mm) insert , inner hole 5mm 5mm直径样品托盘
1	10mm直径样品托盘 Round 80mm insert for stages or stage insert 160 x 110mm with inner hole 10mm. 10mm直径样品托盘
1	20mm直径样品托盘 Round 80mm insert for stages or stage insert 160 x 110mm with inner hole 20mm. 20mm直径样品托盘
1	40mm直径样品托盘 Round (80mm) insert, inner hole 40mm

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	40mm直径样品托盘
2 目镜	Eyepiece HC PLAN s 10x/25 Br. M 目镜
1 5倍物镜	Obj. HCX PL FL 5x/0.15 BD 0/D 12.2 5倍平场半复消色差物镜
1 10倍物镜	Obj. HC PL FL 10x/0.30 BD -/D 11.0 10倍平场半复消色差物镜
1 20倍物镜	Obj. HC PL FL 20x/0.50 BD 0/D 1.27 20倍平场半复消色差物镜
1 50倍物镜	Obj. HC PL FL 50x/0.80 BD 0/D 0.5 50倍平场半复消色差物镜
1 100倍物镜	Obj. HCX PL FL 100x/0.90 BD 0/D 0.3 100倍平场半复消色差物镜
1 测微台尺	Stage micrometer for incident light 测微台尺
1 摄像接口	C-Mount adapter 0.70x for 2/3" Cameras 摄像接口
1 滤色片盒	Incident light filter slider with 2 empty positions. Suitable for filters with diameter 25mm (e.g. Green, Blue or Neutral Density). 滤色片盒
1 蓝色滤色片	Glass blue filter BG20, diameter 25 mm, for mounting in filter slider for IL axis (11505154) 蓝色滤色片
1 绿色滤色片	Panchromatic green filter, diameter 25 mm, for mounting in filter slider for IL axis (11505154) 绿色滤色片
<u>偏光部件</u>	
1 检偏器	Analyzer DMI L IC/ P 360° rotatable 检偏器-精确可调, 带有刻度
1 起偏器	Polarizer L ICR/P with lambda plate in slide for reflected light pol & ICR (DIC) 起偏器-包含波长补偿片
10 备用灯泡	12V 100W tungsten halogen lamp 备用灯泡
<u>图像采集设备</u>	
1 摄像头	Leica DFC420 Digital Cam & SW Kit Leica原装彩色数字摄像头500万真实像素
1 采集卡	PCI interface card, FireWire OHCI 采集卡
1 金相软件	金相软件 包含晶粒度、夹杂物、层厚测量、球墨铸铁、灰铸 铁面积测量等
<u>计算机及其附件</u>	
1 计算机	Dell计算机 双核CPU 1G内存 250G硬盘 可读写刻录机 19寸液晶显示器

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1	打印机 EPSON Stylus R250彩色喷墨打印机 USB2.0接口，	
Total		622,270.00

Terms:
Delivery:
Payment Terms:
Valid until:

Leica's standard terms and conditions apply. A copy is available on request

We look forward to receiving your order
yours sincerely

Leica