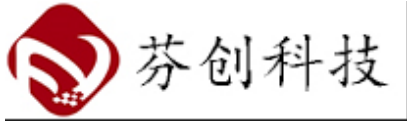


偏光照明观察组件 使用说明书

Observation unit with polarized illumination

Operating instructions



<https://www.ok-kk.com/>

I. 概要

1. 特征

- 1). 使用偏振照明可以进行偏振场观测。
照明光的亮度可以通过光圈调节。
- 2). 与可视范围内的无限远校正物镜兼容。物镜安装
螺纹为φ26 x 0.706。
- 3). 内置管透镜，焦距为200 mm。
- 4). 可以安装C型摄像头、卤素灯和LED灯。
- 5). 可以连接各种过滤器。
- 注)：物镜、C型摄像机、照明和滤镜单独出售。

2. 规格

- 型号 : OUCI-3-PFU
- 焦距 : 200mm
- 观察方法 : 明视场(偏光观察)
- 相机安装方向对 : 垂直
- 应摄像头接口 : C型接口
- 适用照相机 : 1.2 英寸(对角线21.4mm)以下：
- 照明系统 同轴落射式照明
- 照明安装方法物 : 请参考外形图。
- 镜螺纹孔规格适 : φ 26 × 0.706
- 用物镜 : 可见光无限共轭校正物镜
- 质量 : 950g
- 滤光片 : 检偏器插入件、起偏器插入件
- 适用滤光片尺寸 : φ25mm～φ25.4mm t=8.5mm
以下(附带2个过滤盒)

II. 注意事项

- 1). 请不要用于显微镜以外的其他用途。
- 2). 请注意，如果您使用的物镜不是f=200mm的管透镜，则放大率会
有所不同。
- 3). 不能使用共轭距离为有限远的物镜。

I. Overview

1. Features

- 1). Polarized field observation is possible with polarized illumination. The
brightness of the illumination light can be adjusted by the aperture
stop.
- 2). Compatible with infinity correction objective lenses for the visible
range. The objective lens mounting screw is φ 26 x 0.706.
- 3). Built-in tube lens with a focal length of 200 mm.
- 4). C-mount camera, halogen lighting, and LED lighting can be installed.
- 5). Various filter can be attached.
- Note): Objective lens, C-mount camera, lighting, and filter are sold
separately.

2. Specification

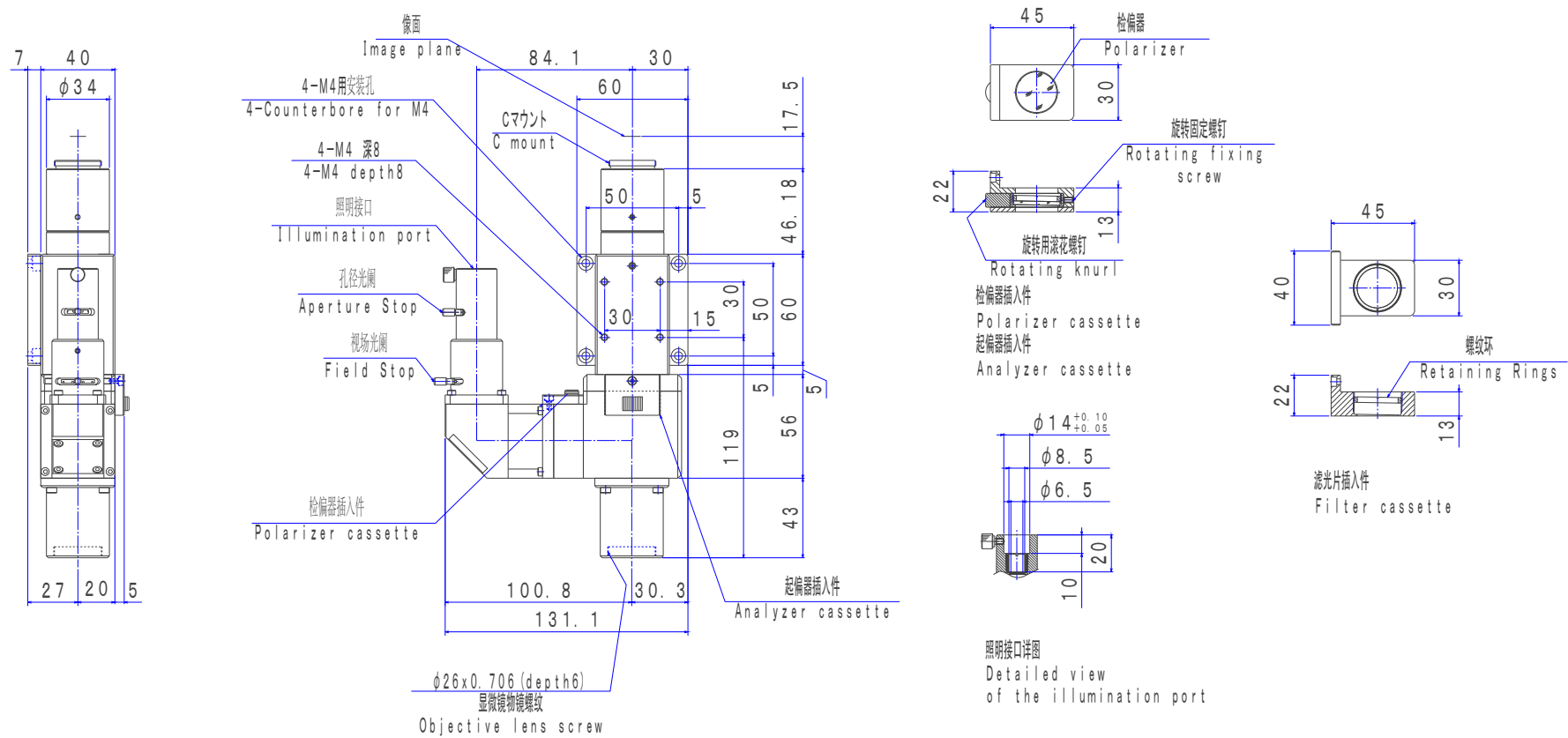
- Product number: OUCI-3-PFU
- Tube lens focal length: 200mm
- Observation image: bright field (Polarized observation)
- Camera mounting direction: vertical
- Camera mount: C mount
- Compatible camera size: 1.2 type (diagonal 21.4 mm) or less
- Lighting: Coaxial epi-illumination
- Lighting mounting shape: Please refer to the outline drawing.
- Corresponding objective lens screw: φ 26 x 0.706
- Corresponding objective lens: Infinity correction objective lens for visible
range
- Mass: 950g
- Polarizing filter : Polarizer has a rotation mechanism.
Analyzer has a rotation mechanism.
- Filter : φ 25.4mm、25.0mm t≤8.5mm (With 2 filter cassettes)

II. Precautions

- 1). Do not use it for any purpose other than its intended use as a
microscope.
- 2). Please note that the magnification will be different if you use an
objective lens designed with a tube lens other than f = 200mm.
- 3). A finite objective lens cannot be used.

III. 外形图

III. Dimensions



IV. 安装方法

1. OUCI-3-PFU 安装

用M4螺钉固定OUCI-3-PFU。（M4六角凹头螺钉有一个沉孔。）

2. 相机安装(单独出售)

松开固定螺钉（2处）并拆下C接口。将相机连接到C接口后，将其放回原处。调整相机的旋转并拧紧固定螺钉（2处）。

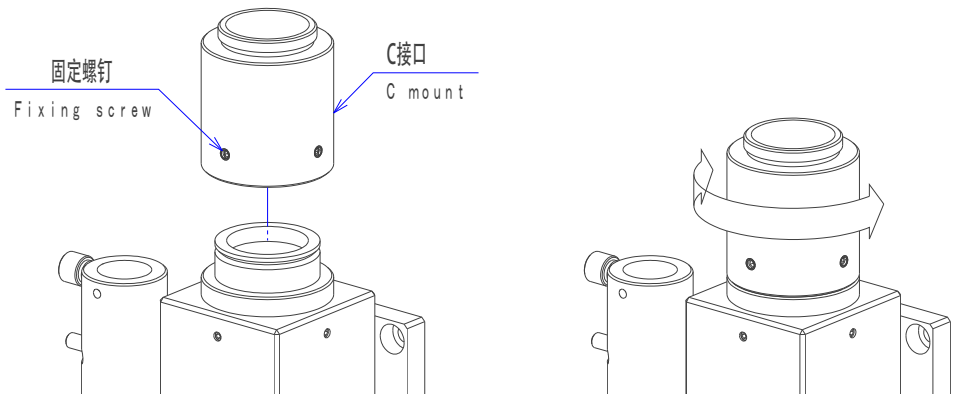
IV. Handling method

1. Installation of OUCI-3-PFU

Fix OUCI-3-PFU with M4 screws. (There is a counterbore hole for the M4 hexagon socket head cap screw.)

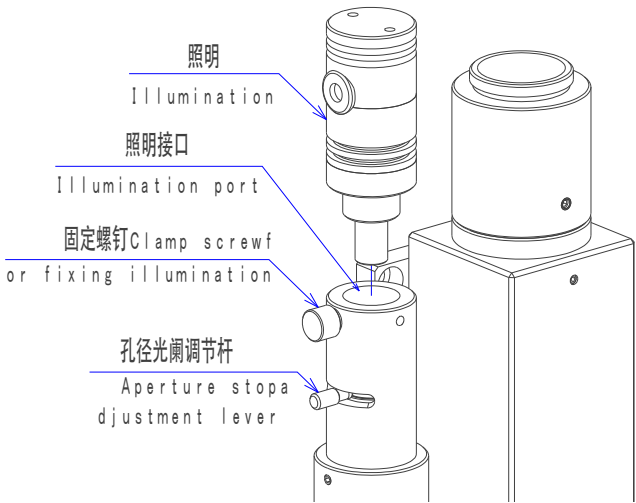
2. Installation of camera (sold separately)

Loosen the fixing screws (2 places) and remove the C mount. After attaching the camera to the C mount, put it back. Adjust the rotation of the camera and tighten the fixing screws (2 places).



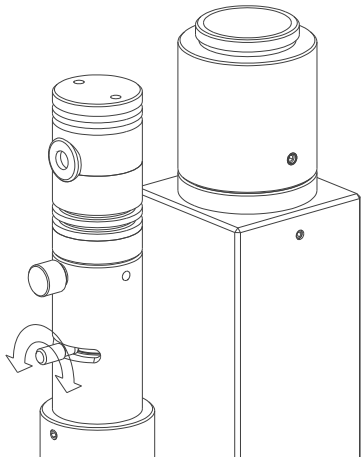
3. 照明安装(单独出售)

将照明设备插入照明端口并拧紧固定螺钉。
您可以通过移动孔径光阑调节杆来调节亮度。



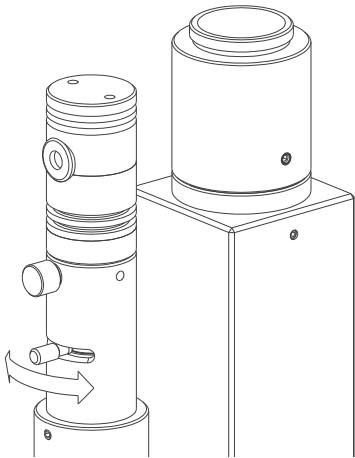
3. Installation of illumination (sold separately)

Insert the illumination into the illumination port and tighten the fixing clamp screw.
You can adjust the brightness by moving the aperture stop adjustment lever.



右旋转：锁定
左旋转：自由

Turn clockwise to lock
Turn counterclockwise to release



开口可调

Adjust the aperture diameter

4. 滤光片安装及更换

取下附带的过滤器盒的螺丝环，安装过滤器。拆下本体上的Polarizer及Analyzer Camp。
请在拆卸的地方插入滤光片，用固定螺钉拧紧。
注) 滤光片、螺纹环扳手另售。

4. Installing the filter

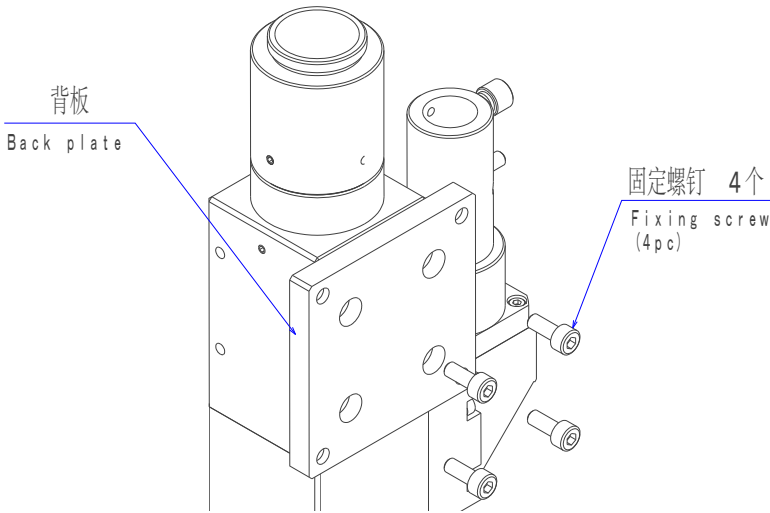
Remove the retaining rings of the attached filter cassette and install the filter.
Remove the polarizer and analyzer cassette attached to the main unit.
Insert the filter cassette in that empty filter slot and tighten it with the fixing screw.
Note) Filter and screw ring spanner are sold separately.

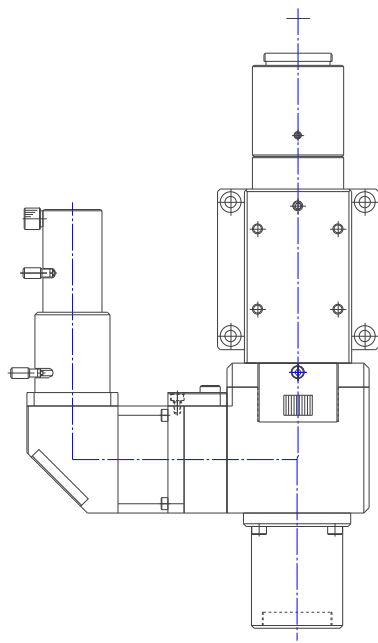
5. 安装方法

拆下背板的固定螺钉。
(M4内六角螺栓) 将拆下的背板移动至想要变更的面。
请拧紧固定螺钉。

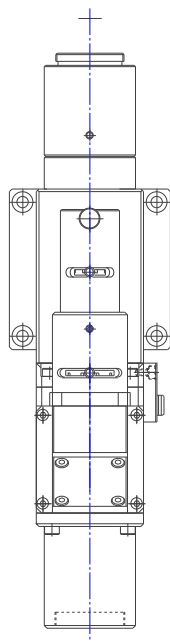
5. Change the mounting orientation

Remove the fixing screw on the back plate. (M4 hexagon socket head cap screw)
Move the removed back plate to the surface you want to change.
Tighten the fixing screw.

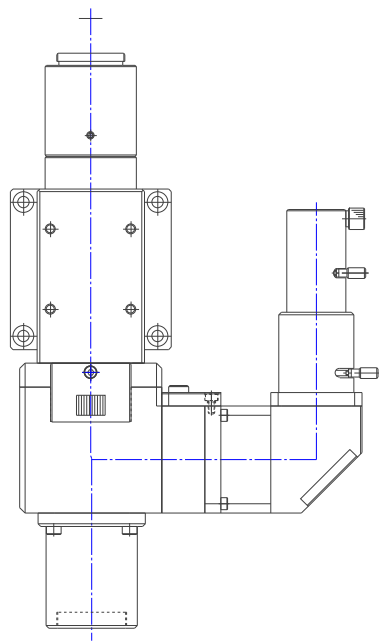




出厂时
Factory default



安装时 方案1
Change of mounting surface
type 1



安装时 方案2
Change of mounting surface
type 2

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