激光共聚焦显微镜（仪器型号） 维护保养项目周期表

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **保养项目** | | **保养内容** | **保养周期（月）** | **保养时间** | | | | | | | | | | | | **保养责任人** |
| **1月** | **2月** | **3月** | **4月** | **5月** | **6月** | **7月** | **8月** | **9月** | **10月** | **11月** | **12月** |
| **一二级维保项目** | 显微镜 | 机身、机架及油槽清洁 | 1 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 仪器管理员 |
| 显微镜 | 目镜、物镜、聚光器等清理 | 1 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 仪器管理员 |
| 显微镜 | 荧光光源过滤网清洁 | 1 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | 仪器管理员 |
| 显微镜 | 光路校准（柯勒照明调节） | 6 |  |  | ● |  |  |  |  |  | ● |  |  |  | 仪器管理员 |
| 电脑 | 清理灰尘，数据备份清理 | 6 |  |  |  |  | ● |  |  |  |  |  | ● |  | 仪器管理员 |
| UPS电源 | 输出电压检测，定期无负载充电和散热风扇清洗 |  |  |  |  |  |  |  |  | ● |  |  |  |  | 仪器管理员 |
| **三级维保项目** | 全面维护保养 | 专业保养 | 不定期 | o | | | | | | | | | | | | 厂家工程师 |

图例：“•”为日常保养项目，”o“为厂家工程师保养项目

| 激光共聚焦显微镜（仪器型号） 维护保养记录表  **20 年** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **规定保养时间** | **保养内容** | **保养时间** | **下次保养时间** | **保养工作记录、保养结果和仪器状态** | **保养人 核验人** |
| 1月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 2月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 3月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
| 光路校准（柯勒照明调节） |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 4月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
| 5月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
| 清理灰尘，数据备份清理 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 6月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
| 7月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 8月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
| 输出电压检测，定期无负载，散热风扇清晰 |  |  |  |  |
|  |  |  |  |  |
| 9月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
| 光路校准（柯勒照明调节） |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 10月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |
| 11月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
| 清理灰尘，数据备份清理 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 12月 | 机身、机架及油槽清洁 |  |  |  |  |
| 目镜、物镜、聚光器等清理 |  |  |  |  |
| 荧光光源过滤网清洁 |  |  |  |  |
|  |  |  |  |  |

超高分辨率激光共聚焦显微镜（仪器型号）工程师维护保养记录表  **20 年**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **保养内容** | **保养时间** | **保养记录、保养结果和仪器状态** | **保养人** | **核验人** |
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激光共聚焦显微镜（仪器型号） 易损易耗备件清单

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **耗材规格型号** | **更换周期** | **预计保养费用（元）** |
| 汞灯 | 通用 | 1个/3-5年 | 600.00 |
| 405激光器 | 405nm | 1个/5-8年 | 120000.00 |
| 488激光器 | 488nm | 1个/5-8年 | 120000.00 |
| 561激光器 | 561nm | 1个/5-8年 | 120000.00 |
| 633激光器 | 633nm | 1个/5-8年 | 120000.00 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| 备注：不同型号仪器设备可参考 | | | |