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| **移动式C形臂X射线机****采购需求**

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| 1 | **总体要求** |
| 1.1 | 机型为主流产品最新机型，并获得中国CFDA认证证书。全能型平板C形臂，适用于血管外科，消化科，介入科，妇科，骨科等。 |
| 2 | **设备工作条件** |
| 2.1 | 电源要求：民用电源220V@10A。 |
| 2.2 | 无需额外选配加装水冷设备。 |
| 3 | **高压发生器** |  |  |
| 3.1 | 最大输出功率  | ≥15kW |  |
| 3.2 | 发生器频率 | ≥60kHz |  |
| 3.3 | 数字点片kV最小值 | ≤40kV |  |
| 3.4 | 数字点片kV最大值 | ≥120kV |  |
| 3.5 | 数字点片mA | ≥75mA  |  |
| 3.6 | 数字电影最大mA值 | ≥150mA |  |
| 3.7 | 支持连续透视模式 | 支持 |  |
| 4 | **球管系统** |  |  |
| 4.1 | 双焦点设计 | 具备 |  |
| 4.2 | 小焦点 | ≤0.3mm |  |
| 4.3 | 主动多通道油冷+风冷+热管三重散热技术 | 具备 |  |
| 5 | **平板探测器** |  |  |
| 5.1 | 晶体硅材质平板探测器 | 具备 |  |
| 5.2 | 探测器尺寸 | ≥31 x 31cm |  |
| 5.3 | 图像采集最大像素矩阵 | ≥1.5Kx1.5K |  |
| 5.4 | 图像采集灰阶 | ≥16 bit |  |
| 5.5 | 可变三视野 | 具备：  |  |
| 5.6 | 任意模式下无像素合并 | 支持 |  |
| 6 | **显示器** |  |  |
| 6.1 | 医用4K UHD平板显示器 | ≥32英寸  |  |
| 6.2 | 显示器最高分辨率 | ≥3840x2160 |  |
| 6.3 | 显示器支架可旋转拉伸万向臂设计 | 支持 |  |
| 6.4 | 工作站固定时，显示器可水平前伸距离 | ≥67cm |  |
| 6.5 | 显示器水平垂直可视角 | ≥170° |  |
| 6.6 | 工作站固定时，显示器垂直移动 | ≥43cm |  |
| 6.7 | 工作站固定时，显示器水平移动 | ≥114cm  |  |
| 6.8 | 显示器具备触摸屏系统操控 | 具备 |  |
| 6.9 | 提供显示器防眩光防指纹防水雾设计 | 具备 |  |
| 7 | **C形臂** |  |  |
| 7.1 | SID | ≥100cm |  |
| 7.2 | 开口 | ≥79cm |  |
| 7.3 | 弧深 | ≥84cm |  |
| 7.4 | C臂水平移动 | ≥20cm |  |
| 8 | **操控系统** |  |  |
| 8.1 | 多功能C形臂控制面板 | 具备 |  |
| 8.2 | 触控屏控制面板尺寸 | ≥15.6” |  |
| 8.3 | 触控屏控制面板分辨率 | 1366 x 768 |  |
| 8.4 | 触控屏可显示角度范围 | ≥160° |  |
| 8.5 | 触控屏上下活动角度 | 向上≥25°,向下≥10° |  |
| 8.6 | 触控屏旋转角度 | ± 135° |  |
| 8.7 | 具备显示屏虚拟键盘技术 | 具备 |  |
| 9 | **图像处理** |  |  |
| 9.1 | 厂家原厂工作站 | 具备 |  |
| 9.2 | 图像处理引擎 | 具备 |  |
| 9.3 | 大视野显示 | 具备 |  |
| 9.4 | 血管跟踪减影（DSA）无运动伪影 | 具备 |  |
| 9.5 | 智能路径图功能 | 具备 |  |
| 9.6 | 末帧图像优化 | 具备 |  |
| 9.7 | 图像左右翻转、上下翻转、旋转、黑白翻转（负片）功能 | 具备 |  |
| 9.8 | 同屏图像显示 | ≥9幅 |  |
| 9.9 | 图像回调及预览 | 具备 |  |
| 9.10 | 存储图像后处理 | 具备 |  |
| 9.11 | UPS不间断电池供电设计 | 具备 |  |
| 9.12 | DICOM3.0接口 | 具备 |  |
| 9.13 | 操作系统 | Linux操作系统 |  |
| 10 | **图像存储** |  |  |
| 10.1 | USB数字接口图像拷贝 | 具备 |  |
| 11 | 其它 |  |  |
| 11.1 | 内置激光定位器 | 满足 |  |

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