

系所儀器設備一覽表

名稱(中)	名稱(英)	數量
微型電腦斷層假體	Mini CT Phantom	1
Matlab 影像處理軟體 the Visualization & Analysis Platform	The Visualization & Analysis Platform Matlab software	1
平行電腦教學工作站	Computer workstation	1
微米電腦斷層掃描假體 (for PSF/MTF)	PSF/MTF CT phantom (for PSF/MTF)	1
微米電腦斷層掃描假體 (for HA high contrast)	HA high contrast CT phantom (for HA high contrast)	1
微米電腦斷層掃描假體 (for Dosimetry)	Dosimetry CT phantom (for Dosimetry)	1
三維影像處理與分析與立體影像顯示周邊 儀器與軟硬體	3D image processing software and related accessories	1
高速平行電腦工作站	High performance computer workstation	1
錐形射束電腦斷層假體	Cone-beam CT phantom	1
多切式電腦斷層假體	MSCT phantom	1
影像分析工作站	Image analysis workstation	1
直線加速器影像系統之游離輻射劑量與能 量偵測器	Radiation dose meter and photon energy detector for linear accelerator	1
一般 X 光機	Conventional X-ray unit for radiography	2
CD/DR “DIN” Test Tool	Image quality phantom (DIN)	1
聚焦式輝度計(含近攝鏡頭)	Luminance meter	1
照度計	Illuminance meter	1
數位立體定位乳房切片假體	Localization test phantom in digital mammography biopsy	1
立體定位細針切片組織等效假體	Stereotactic tissue equivalent phantom for small niddle biopsy	1
乳房攝影 X 光計時器一致性測試工具	X-ray timer consistency test tool for mammography	1
ACR MRI phantom	ACR MRI phantom	1
放射診斷劑量及電壓測量系統	Radiation dose and tube voltage meters in diagnostic radiology	1
ACR CT Phantom	ACR CT Phantom	1

名稱(中)	名稱(英)	數量
超音波影像品質假體	Image quality phantom for US	1
ACR X光透視攝影假體	ACR R/F phantom	1
乳房高對比度解析假體	Spatial resolution phantom for mammography	1
人體等效全身假體	Tissue equivalent whole body phantom for radiography	2
人體等效部位假體	Tissue equivalent body part phantoms for radiography	8
kVp divider (INOVISION 35080B)	kVp divider (INOVISION 35080B)	1
CT/X光劑量測量儀	CT and X-ray dose meter	1
電腦斷層假體	CT phantom	1
乳房攝影測定假體	Test phantom for mammography	1
X光片匣	X-ray cassettes	17
洗片機品質管制系統	Tool set for image processor QC	2
非介入式X光測試器	Noninvasive X-ray meter	2
乳房攝影用壓乳器	Compression paddle for mammography	2
自動翻轉床	Automatic turnover bed	1
CR reader	CR reader	1
Genie2000 MCA Software	Genie2000 MCA Software	2
Canberra 輻射測量系統	Canberra radiation detecting system	3
真空幫浦	Vacuum pump	3
數位式示波器	Digital oscilloscope	3
實驗用 PC	PC for laboratory	3
鉛製射源儲藏櫃	Lead cabinet for radioactive materials	1
三維超音波校準假體	3D US calibration phantom	1
塑膠水假體	Plastic water phantom	1
水假體	Water phantom	4
桌上型雷射印表機	Desktop laser printer	1
彩色雷射印表機	Color laser printer	1
筆記型電腦	Laptop	1
二極體輻射量計	Diode radiation meter	1

名稱(中)	名稱(英)	數量
三維定位儀	3D localizer	1
強度調控全身定位驗證假體	Whole body localization verification phantom for IMRT	1
小型動物假體	Small animal phantom	1
TLD 劑量計假體	Phantom for TLD	1
高斯計	Gauss meter	1
UAB low contrast test tool	UAB low contrast test tool	1
壓克力(30*30*5cm)	Acrylic blocks (30*30*5cm)	4
銅板 150*150*0.5mm/1mm	Copper plates (150*150*0.5mm/1mm)	8
X 光片影像處理系統	X-ray image processing system	1
劑量分布繪圖軟體	Dose distribution plotting software	1
射束平坦分析儀	Beam flattening analyzer	1
多頻道手提式加馬能譜分析儀	Multichannel gamma energy analyzer	1
電量計	Electrometer	1
輻射線偵檢儀	Survey meter	5
底片灰度測量儀	Densitometer	4
骨骼等效假體	Bone equivalent phantom	1
金屬模切割器	Styrofoam wire cutter	1
小鼠立體定位儀	Small rat localizer	2
CHAMBER HOLDER	CHAMBER HOLDER	1
L 型含鉛玻璃屏蔽	L-shape lead shield	2
排煙櫃	Hood	6
藥品保管櫃	Chemical cabinet	1
冷凍櫃二門式 4°C	Two-door refrigerator	1
液相層析儀	Liquid chromatography system	2
L 型含鉛屏蔽	L-shape lead shield	10
輻射線測量儀	Radiation detector	1
個人輻射污染偵測儀	Personal radiation meter	1
胜肽合成儀	Peptide synthesizer	1
倒立顯微鏡	Inverted microscope	1
Lead waste container	Lead waste container	3
雷射印表機	Laser printer	1
放射層析積分介面器及軟體	Chromatography analyzer	1

名稱(中)	名稱(英)	數量
	interface	
生物影像分析儀	Image plate scanner	1
鉛屏風	Lead shield	3
放射薄層影像掃描分析儀	RadioTLC scanner	1
純水製造機	Pure water system	1
甲狀腺碘攝取率測量儀	Thyroid uptake probe	1
Gamma Counter(10 孔)	Gamma Counter(10 孔)	1
電子天平	Electronic balance	1
桌上型離心機	Desktop centrifuge	1
手足偵檢器	Survey meter for extremities	1
加熱攪拌混合器	Magnetic stirrer with heater	5
恆溫水槽	Water bath	1
透鏡組	Microscope	1
超低劑量輻射偵檢器	Ultra-low radiation dose meter	1
輻射防護用屏蔽鉛磚	Lead blocks for radiation protection	100
Gamma Camera	Gamma Camera	1
Sun Blade 2000 Workstation	Sun Blade 2000 Workstation	1
UNIX 工作站	UNIX Workstaion	1
MATLAB and Toolbox	MATLAB and Toolbox	4
Reference Manager Software	Reference Manager Software	1
三維成像軟體	3D visualization software	1
DICOM 醫學影像顯示軟體	DICOMDisplay software	1
UPS 不斷電系統	UPS	1
人體軀幹/心臟假體	Whole body phantom/cardiac phantom	1
電腦工作站	Workstaion	1
醫學影像處理軟體	Medical image processing software	1
Sicentific Word v4.0	Sicentific Word v4.0	1
Borland C++ Builder 6	Borland C++ Builder 6	1
PACS stimulator	PACS stimulator	1
SPECT 針孔準直儀	SPECTPin Hole	1
三用電表	Multimeter	3
MATLAB for UNIX	MATLAB for UNIX	2
數位示波器	Digital ossilloscope	1

