

美国模体实验室CT性能模体 Catphan500 模体

产品名称	美国模体实验室CT性能模体 Catphan500 模体
公司名称	深圳市湾边贸易有限公司
价格	.00/个
规格参数	加工定制:否 品牌:美国模体实验室 型号:Catphan500
公司地址	深圳市龙华新区观澜大道75号田背花园E单元806
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产品详情

品牌 美国模体实验室ct性能模 型号 catphan500
体

深圳湾边贸易供应catphan 500 ct模体, phantomlab, ctp500价格优惠! catphan 600, catphan 700.

厂家: the phantom laboratory

模体用来检测ct性能, 由塑料制成, 它有两个型号, 分别是catphan500和catphan600.

另外一个磁共振性能检测模体, 完全使用有机玻璃制成, 也有两个型号, 其中的圆柱形, 就是magphan smr170, 厂家是美国模体实验室。

phantomlab与物理学家兼哲学家goodenough, ph.d., 共同努力发展了catphan 模体。新型的catphan 模体设计是基于成像仪器方面二十多年的科学研究和临床经验。该种模体可以应用于轴向和螺旋ct扫描成像系统的各种操作评价以及质量保证系统。扫描几何学(层宽和灵敏度曲线) · 高分辨率(高至20线对/厘米) · 体模定位验证 · 病人定位系统验证 · supra-slice 低对比度灵敏度 · 空间均匀性 · 扫描增量 · ct系统噪声(精度) · 圆对称性 · 灵敏度(线性) · 像素(矩阵)尺寸 · 动态扫描

· x、y、z轴的点扩散函数和调制传递函数(mtf)

模体用来检测ct性能, 由塑料制成, catphan500, catphan600, catphan5700, ctp500, ctp600, ctp700等.

另外一个磁共振性能检测模体, 完全使用有机玻璃制成, 也有两个型号, 其中的圆柱形, 就是magphan smr170, 厂家是美国模体实验室。

patient alignment system check

low contrast sensitivity

comparative subslice and supra-slice low contrast sensitivity

spatial uniformity

scan incrementation

noise (precision) of ct systems

circular symmetry

sensitometry (linearity)

pixel (matrix) size

point spread function and modulation transfer function (mtf) for the x, y, and z axes
complete catphan 700(stock ctp700) - complete catphan including housing and case, equipped with the following test modules:
ctp682 - geometry sensitometry and point source module
ctp714 - 30 line pair high resolution module
ctp515 - subslice and supra-slice low contrast
ctp721 - wave insert
ctp723 - bead blocks
ctp712 - uniformity section

产品编号

description

ctp700	complete catphan 700 including housing, case, and test modules includes the following: ctp682-geometry sensitometry and point source module, ctp714-30 line pair high resolution slice low contrast, ctp721 wave insert, ctp723-bead blocks, ctp712 uniformity section
ctp600	complete catphan 600 including housing, case, and test modules includes the following: ctp404-slice width, sensitometry and pixel size, ctp591-bead geometry module, ctp528-point source, ctp515-subslice and supra-slice low contrast, ctp486-solid image uniformity module
ctp500	complete catphan 500 including housing, case, and test modules. includes the following: ctp401 slice width, sensitometry and pixel size, ctp714-30 line pair high resolution and point source, ctp515-subslice and supra-slice low contrast, ctp486-solid image uniformity module
ctp412	complete catphan 412 including housing, case, and test modules. includes the following: ctp401-slice width, sensitometry and pixel size, ctp714-30 line pair high resolution, ctp263-low contrast, ctp486-solid image uniformity module
ctp424	complete catphan 424 including housing, case, and test modules. includes the following: slice width, sensitometry and pixel size, ctp446-bead point source, ctp446-20 line pair high resolution, ctp263-low contrast, ctp422-liquid bath.
ctp440	complete catphan 440 including housing, case, and test modules. includes the following: ctp401-slice width, sensitometry and pixel size, ctp446-bead point source, ctp446-20 line pair high contrast resolution module
ctp401	slice width, sensitometry and pixel size module
ctp404	slice width, sensitometry and pixel size module
ctp445	mtf module with bead point source

ctp446	20 line pair high resolution module
ctp528	21 line pair high resolution and point source module
ctp422	liquid bath
ctp486	solid image uniformity module
ctp263	low contrast module
ctp515	sub-slice and supra-slice low contrast module
ctp592	low and high contrast resolution module
ctp591	40mm bead geometry module
ctp501	16cm housing and mount with modules ctp591 & ctp486-3
ctp295	liquid bath scan alignments inserts
ctp291	liquid bath acrylic lsf inserts
ctp299	teflon annulus
ctp539	30cm od uniformity material body annulus
ctp540	35cm od uniformity material body annulus
ctp650	38cm od uniformity material body annulus
ctp579	25-35cm oval od uniformity material body annulus
ctp651	30-38cm oval od uniformity material body annulus
ctp599	45-55cm oval od uniformity material body annulus
ctp326	32cm od acrylic body annulus
ctp541	16cm od housing and mount
ctp536	35cm center off-center housing
ctp553	32cm acrylic dose phantom
ctp554	16cm acrylic dose phantom
ctp558	dose phantom set includes 16cm & 32cm

本产品的加工定制是否，品牌是CTCatphan500，型号是Catphan500，测量范围是0-100，测量对象是CT设备，测量精度是0.1，分辨率是0.1，尺寸是350（mm），重量是8（kg）