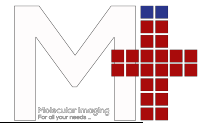
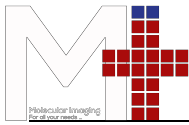


PICKER IRIX 3 HEAD





MODEL	Picker - IRIX
SPECT	Yes
SYSTEM SPECIFICATIONS	3 single-crystal detectors with variable-angle geometry, VT technology
PROCESSOR	
Processing	Odyssey LX, Pentium IV
Data transfer	DICOM, Ethernet, TCP/IP
HUMIDITY	45-80% non condensing
Collimators	LEGP, LEHR, LEUHR, UHR, MEGP, HEGP, pinhole, axial filter, open frame, LED
POWER NEEDED	208/220/240 VAC, 50/60 Hz, 20 A, single phase
DIMENSIONS	170 x 147 x 193 (66.9 x 57.9 x 76)
WEIGHT, kg	3,112 (6,862)
Fwtm, ufov	6.3thin, 7.8 thick
Extrinsic spatial resolution	
Fwhm at 10 cm, mm	8.4thin, 8.9 thick
Fwtm at 10 cm, mm	15.1thin, 15.8 thick
System sensitivity, LEAP	233thin, 257 thick
Intrinsic energy resolution, fwhm, 140 kev	9.5% thin/9.6% thick
Integral ufov	0.6
Differential ufov	0.2
Intrinsic uniformity, uncorrected	
Integral ufov	+/-3.5%, corrected
Differential ufov	+/-2.5%, corrected
OPERATING PANEL	
Persistence scope	Yes
Zoom regulation	Yes
Ratemeter	Yes
Scaler	Yes
Time display	Yes
Energy selection	
Automatic	Yes
Manual	Yes
Auto peaking	Yes
Image turning control	Yes
Pha window capacity	8 peaks
Window selection	
Automatic	Yes
Manual	Yes
Auto uniformity correction	Yes
Nonuniform attenuation correction method	Optional point source
Fwhm, ufov	3.3 thin, 4.1 thick



: -	3.3 thin
: -	4.1 thick
TOTAL BODY	Yes
Ufov, cm	53.3x 39.4 (21x 15.5)
Max. count,cps	310000
Dead time	Programmable
Energy range, kev	50-511
Intrinsic spatial resolution, mm	
FDG-SPECT	Yes
COINCIDENCE IMAGING	Yes
DETECTOR CHARACTERISTICS	
Crystal dimensions, cm	47x 59 (18.5x 23)
Thickness, mm	9.5(3/8),19(3/4)
Number of pmts	49(3").10(2")
Digital detectors	1high-precision ADC/PMT
Rate, cm/min	Above 200 cm/min3-300
Mode	Single pass
Area, cm	53.3x 198
Contouring	Manual, automated learn mode
Yoke rotation, deg	480
Radius, cm	10.8-37.4 (4.2-14.8), LEGP
Detector turning, deg	-60 to +420
Clearance	
Maximum, cm	74.9 (29.5)
Minimum, cm	21.5 (8.5)
Dicom 3.0	Yes
Display matrix	1024 x 1280
Storage	40GB, optional 40 GB; 12-24 DDS tape, opt 4.3 GB optical disk, 1.44 MB floppy
HEAT LOADING, BTU/hr	3,400 avg , 6,800 max
OPTIONAL ATTACHMENTS	B/W and color printers, optical disk, extra display stations, DICOM, FUSION, QGS+, QPS, Emory Toolbox, GammaPETAZ, pediatric accessories, UNITE WB tomography
CLINICAL USES	General-purpose
OTHER ATTRIBUTES	Rapid acquisition sequence SPECT hardware/software; digital-detector design; remote monitoring and service diagnostics; 19mm (3/4") crystals available; software upgradable; IV pole; accessory tray. Meets requirements of IEC 601-1, ISO 9001, and UL 544.
FDA CLEARANCE	Yes
CE MARK	Yes