

### DETECTORS\*/COLLIMATORS

Detector technology	Single crystal, Digital Non-Anger
Crystal type	Nal(Tl)
Field-of-view (rectangular) (cm, in)	25.4 cm x 25.4 cm, 10" x 10"
Useful field-of-view	21.6 cm x 21.6 cm, 8.5" x 8.5"
Intrinsic spatial resolution	4.0 mm
Intrinsic energy resolution	9.8% Tc99m
Count rate	250 Kcps @ 20% Loss 500 Kcps Max.
System spatial resolution	10 mm FWHM @ 100 mm 20 mm FWTM @ 100 mm
Collimator type	Slant-hole standard Parallel-hole optional
Lead shielding	To 170 keV
Energy range	80 to 160 keV
Detector vertical motion	28" to 67" at CFOV

\*Measurements per NEMA NU-1 2001

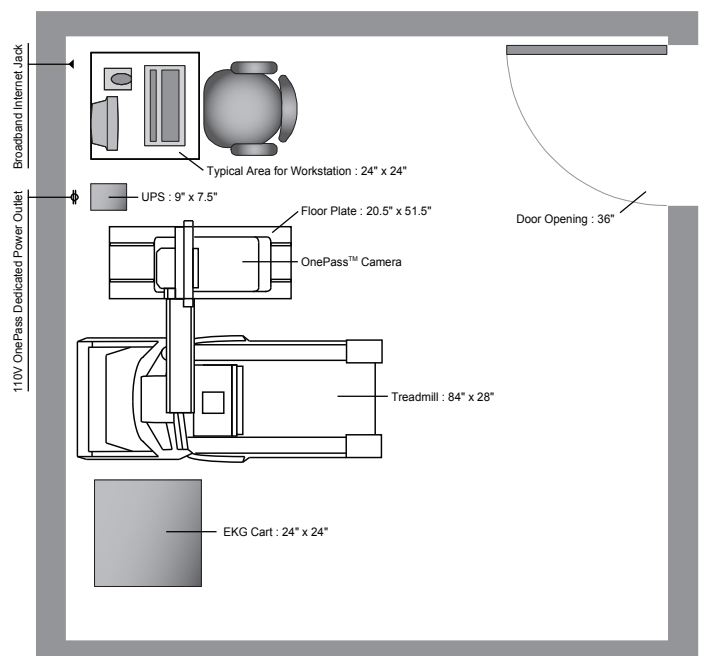
### ENVIRONMENTAL/OPERATION

System total weight	400 lbs
System footprint	20.5" x 51.5"
Processing workstation, typical configuration with keyboard & 20" LCD monitor	Depth: 56 cm, 22" Width: 90 cm, 35"
Power requirements	110/120 VAC, 15A, dedicated circuit, UPS provided
Operating temperature	68 to 80° F
Relative humidity	20 to 80% non-condensing
Installation considerations	Either side of treadmill, level & even floor
System documented uptime	> 99%

### ACQUISITION & PROCESSING

Acquisition system	Integrated
Acquisition	30 seconds list mode
Processor	Pentium 4
Speed	3.0 GHz
Operating system	Linux
Persistence & EKG display	Column mounted 15" LCD, grayscale or color
Acquisition/Processing display	20" LCD, grayscale or color
Archival storage	DVD & DICOM
Auto-Start	Acquisition begins hands-free when the bolus is detected.
Auto-Track	Accurate detector positioning maintained during an exercise study.
Processing applications	Complete FPRNA package includes motion correction.
Wide area network connection	Enables remote system diagnostics and software updates.
Remote sharing software	Enables real-time customer technical and clinical support.
WebReview™	Enables physician review via a standard internet browser.
External interfaces	DICOM – per conformance statement (import, export, archive)
Hardcopy	Network postscript, DICOM

### TYPICAL ROOM LAYOUT



1470 Enterprise Parkway, Twinsburg, OH 44087  
Phone: 330.963.4083 | Fax: 330.963.4084  
gviMD.com  
info@gviMD.com