



Medical Imaging Resources, Inc.

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Achieva 1.5T

Galaxy high-performance gradient system

FreeWave broadband digital RF system

Ergonomically designed operator station

Host computer system and RapidView Reconstructor

Achieva 1.5T magnet

Friendly patient environment

Achieva ScanTools

Pulsar Gradient System

33mTm peak on axis

80 mT/m/ms slew rate

Scalable 32 RF

8 RF channel standard configuration

18KW power amplifier

Quadrature Transmit/Receive Body Coil

Quadrature Head Coil

17cm (C1) and 11cm (C3) Flexible Circular Coil

The Achieva computer system

Windows XP Host Computer

2.8 GHz Dual Intel Xeon processors

3 GB internal memory

36 GB system disk

36 GB data storage disk (for approx. 250,000 256*256 images)

VCR video interface
MOD Image Storage Device
RapidView Reconstructor
Scantools R1
ScanForum
NetForum
SENSE
ScanTools Clinical Application Packages
NeuroPlus Package
BodyPlus Package
BreastPlus PackBage
OrthoPlus Package
CardiacPlus Package
CariacPlus Package
AngioPlus Package
OncoPlus Package
Spin Echo
Fast Field Echo
Turbo Field Echo
Turbo Spin Echo
Echo Planar Imaging
Time of Flight
Contrast Enhanced
Phase Contrast
Quantitative flow
CLEAR
Cardiac gated breath-hold
Single-slice multi-phase
3D k-space shutter
THRIVE
Query/Retrieve
Import/Export Store Images
Secondary Capture
Grayscale Softcopy Presentation State
Storage Commitment
Grayscale Print
DICOM Media Interchange
DICOM Conformance Statement
DICOM standard

Magnet

1.57m (5.15 ft) in length.

Lightweight design - weighs just 2900 kg (6393 lbs)

Compact fringe field footprint of 3.8 m x 2.4 m (12.5 ft x 7.9 ft) for maximum sitting flexibility

Typical helium consumption (as low as 0.03 l/hr) allows for extended refill

times.

Wide patient opening has a 110 cm (43 inch) flare
Patient bore diameter is 60 cm (23.6 inch), length 60cm
Comfortable patient support- patients weighing up to 250 kg (550 lbs) to be comfortably positioned

Peripheral Pulse
Respiratory
ECG
NMRA063 Angio performance
BolusTrak
NMRA081 MobiView

Coils included:
NMRA020 8ch SENSE NV coil 1.5T
NMRA027 SENSE FLEX L COIL 1.5T
NMRA028 SENSE Flex-M coil 1.5T
NMRA029 Synergy spine Coil 1.5T
NMRA030 Quad knee/foot coil 1.5T
NMRA031 SENSE body Coil 1.5T
NMRA033 8ch SENSE head coil 1.5T
NMRA038 SENSE Wrist Coil 1.5T
NMRA055 Coil positioning device
NMRA100 IHE SCHEDULED WORKFLOW

All attempts have been made to ensure accurate data. Medical Imaging Resources, Inc. assumes no responsibility for any unintentional errors or omissions.