PHILIPS

Diamond Select

Magnetic resonance

Achieva 3.0T XTX

Brighten the way ahead

Keep your institution at the forefront of MR imaging

The Achieva 3.0T XTX – Diamond Select takes 3T clinical performance to the next level with MultiTransmit parallel RF transmission technology. MultiTransmit addresses fundamental challenges of 3T at the source, to provide enhanced image uniformity, consistency and speed.

The Achieva 3.0T TX is designed for excellence in all clinical applications for routine day-to-day use with the benefits of high performance. The system allows fast imaging as well as high resolution imaging.

Key advantages

- Proven clinical high performance powered by MultiTransmit
- Increased throughput with fast imaging which enhances Return on Investment
- Upgradeable with dStream

Productive performance for enhanced return on investment

Drive clinical performance
- MultiTransmit for contract uniformity, speed and consistency
- Supports broad range of studies to attract new referrals
- SmartExam brings consistency and reproducibility
- NetForum gives you access to Philips experts and the MR community worldwide

Ensure economic value
- Enhanced return on investment due to platforms' proven ability to increase patient throughput
- The advanced architecture allows you to add clinical packages as your needs change and to expand your application mix and referral base when required
- Upgradeable with dStream

Enhance patient experience
- Appealing design that provides a spacious system with high patient access
- SofTone technology and ComforTone (optional) reduce patient-perceived acoustic noise

Superb clinical performance
MultiTransmit technology addresses dielectric shading and local SAR issues at the source, thereby enabling body related applications to become mainstream at 3T. By automatically adjusting the RF transmission signals to the size and shape of each individual patient, Achieva 3.0T XTX provides superb diagnostic images in the most demanding high-field applications.

The Achieva 3.0T XTX – Diamond Select provides close to cutting edge clinical and operational capabilities. With an short 1.57 m magnet and a tunnel length of only 60 cm, the Achieva 3.0T XTX – Diamond Select is a short, open and patient friendly whole body 3.0T system offering excellent whole body image quality with a large FOV.

The Quasar or Quasar Dual gradient system offers high performance with excellent linearity for an FOV of 50 cm. At the heart of the Achieva is FreeWave, an advanced modular 32-channel digital data acquisition system, designed for optimal SENSE parallel imaging and MultiTransmit parallel transmission.

Furthermore SmartExam uses Philips-exclusive technology for completely automated planning, scanning and processing of more than 80% of core applications, with a single mouse click, while providing consistency and reproducibility throughout.

The system will repay you from day one, thanks to the platforms proven ability to increase patient throughput.

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