Philips Achieva 3.0T TX MultiTransmit Tech Specs (Technical Specifications)

- Type: 3 Tesla MultiTransmit MR
- General description: 3.0-tesla MRI with MultiTransmit technology. Unique patient adaptive system tunes RF transmit to each individual. This provides consistent imaging in difficult anatomy and up to 40% faster exams.
- Special features: MultiTransmit reduces dielectric shading and provides uniform RF excitation. This optimizes image quality and scan speed, especially in 3T expanding application areas such as breast, body, and cardiac imaging. An Ambient Light Ring relaxes patients.
- Patient comfort features: SoftTone, Airflow, Intercom, Ambient Experience (optional), dual side controls, Ambient light ring
- Power Consumption: 480 VAC
- Installed weight: 9400 lbs
- Minimum room size: 3.6 x 5.4 x 3.0 m
- Table weight limit: 550 lbs
- Magnet field strength: 3 Tesla
- Magnet Type: Superconducting
- Magnet bore length: 157 cm
- Gantry diameter: 60 cm flaring out to 110 cm
- Gradient Strength: 40/120 and 40/100, 80/200 m T/M
- Gantry Style: Closed bore - short
- Active shielded gradient system: Yes
- FOV, minimum: 0.005 min to 50 max cm
- Clinical applications: SmartExam, SPAIR (uniform fat supression), TRANCE (noncontrast MR angio), k-t BLAST (3D whole heart in a single breath), 2k imaging, SENSE, DWIBS, ASL
- Coils: Body, Head, Knee, Neck, Pelvic, Shoulder, Spine, Wrist, Breast, Flex Array, Phased Array
- FDA clearance status: Cleared