Canon

FAST SCAN KIT
CGS-67A

APPLICATION

The fast scan kit is designed to speed up the minimum rotation time to 0.5 second.
The applicable CT systems are shown below.

SYSTEM MODEL	
Aquilion Serve	TSX-307A/1, /2
Aquilion Lightning	TSX-036A/1*, /7*
	TSX-035A/2**, /4*, /5*, /7*, /8*

*: X-ray power up kit (CXGS-016A) is mandatory to activate this license.

**: X-ray high-voltage generator kit (CXGS-017A) is mandatory to activate this license.

Note: Some systems may not be available in your country or region. Please check with your sales representative.

FEATURES

High-quality images

This kit reduces the rotation time (full scan) from 0.75 s to 0.5 s (minimum). Reducing the rotation time makes it possible to improve temporal resolution, to minimize motion artifacts, and to expand the helical scan range.

COMPOSITION

- Media..1 set
- Manuals..1 set

PERFORMANCE SPECIFICATIONS

The functions supported when this kit is combined are described below.

- Rotation time
  - Conventional scan

Half scan	0.32*, 0.39*, 0.48* s
Full scan	0.5, 0.6, 0.75, 1.0, 1.5, 2.0, 3.0 s

  - Dynamic scan,
    Helical scan: 0.5, 0.6, 0.75, 1.0, 1.5 s

*: Only for Aquilion Lightning (TSX-035A and TSX-036A)

- X-ray detection
  - View rate
    For TSX-035A and TSX-036A

Rotation time	View rate
0.32, 0.5 s	1800 views/s
0.39, 0.6 s	1500 views/s
0.48, 0.75, 1.0, 1.5, 2.0, 3.0 s	1200 views/s
Scanoscopy	800 views/s

For TSX-307A

Rotation time	View rate
0.5 s	2400 views/s
0.6 s	2000 views/s
0.75 s	1600 views/s
1.0, 1.5, 2.0, 3.0 s	1200 views/s
Scanoscopy	800 views/s

MASS

- Mass: 0.1 kg (0.2 lb)

POWER REQUIREMENTS

The ratings of the CT system are not changed.

AMBIENT CONDITIONS

Same as those specified for the CT system.

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