

AKESIS

Gemini³⁶⁰[®] System*



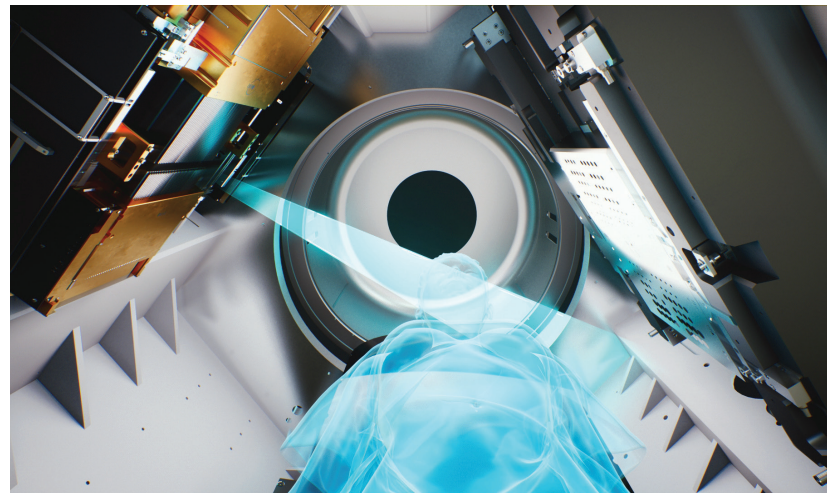
**One Device.
One Workflow.
One Bunker.**

The Akesis Gemini³⁶⁰ is a next-generation, continuously rotating radiotherapy system. With two available treatment options – a high-precision gamma head and a 6 MV linac head – the Akesis Gemini³⁶⁰ combines the functionality found in multiple treatment delivery systems into a single device, workflow and bunker, enabling clinicians to choose the best treatment option for every patient in one highly cost-effective solution.

Treatment Unit

The Akesis Gemini³⁶⁰ offers an intuitive, common, and highly efficient five-step treatment process for all case types.

- Continuously rotating slip ring gantry
- False wall design
- Closed-loop cooling system (no external water supply needed)
- Dual touchscreen controls
- 3D Q-Fix carbon fiber indexed IGRT couch

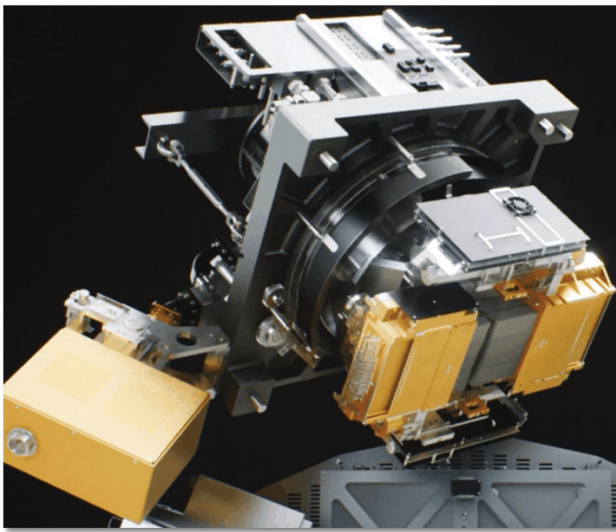
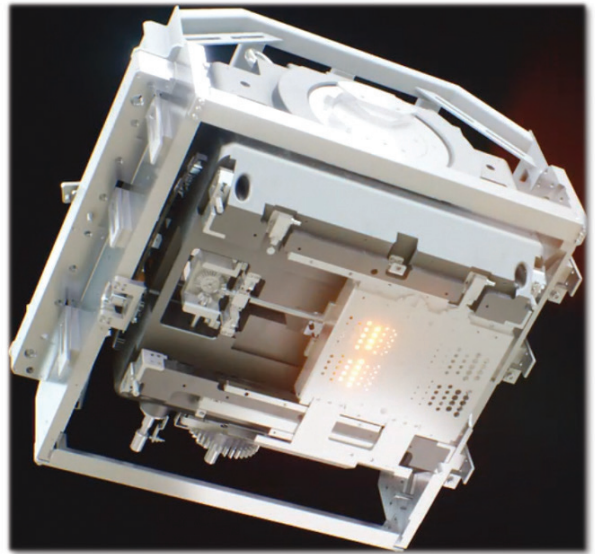


*The Akesis Gemini is a work in progress and is not available for sale in the US. All specifications are subject to change.

High-Precision Gamma Head

The compact gamma head supports the same high-precision SRS and FRS treatments found on more specialized devices.

- 18 Co60 sources and simultaneous beams
- 7 available circular collimator sizes (6 – 35 mm)
- All beams focused at the isocenter
- Non-coplanar beam configuration with up to 14-degree superior beam rotation



The 6 MV LINAC Head

The 6 MV LINAC head supports all standard radiotherapy case types including IMRT, VMAT, 3DCRT, Breast Tangents and SBRT.

6MV FFF LINAC

- Maximum dose rate = 1400 cGy/min (FFF)
- Maximum treatment field = 40 x 40 cm

120-LEAF MLC

- Full interdigitation
- Leaf size (at isocenter) = 80 x 0.5 cm & 40 x 1.0 cm
- Max leakage = <0.375%
- Leaf speed = 4 cm/second

Imaging System

The Akesis Gemini³⁶⁰ provides maximum flexibility with an in-line kV imaging system.

- CBCT
- Intrafractional automated skull tracking and couch corrections
- kV/kV matching
- No time-consuming deploy/retract actions, calibrations or sag issues



We look forward to sharing our vision for the evolution of Radiation Medicine with you.

Contact us to learn more about Akesis and our breakthrough technology.

Visit akesis.com or call **+1 925.202.0321**

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