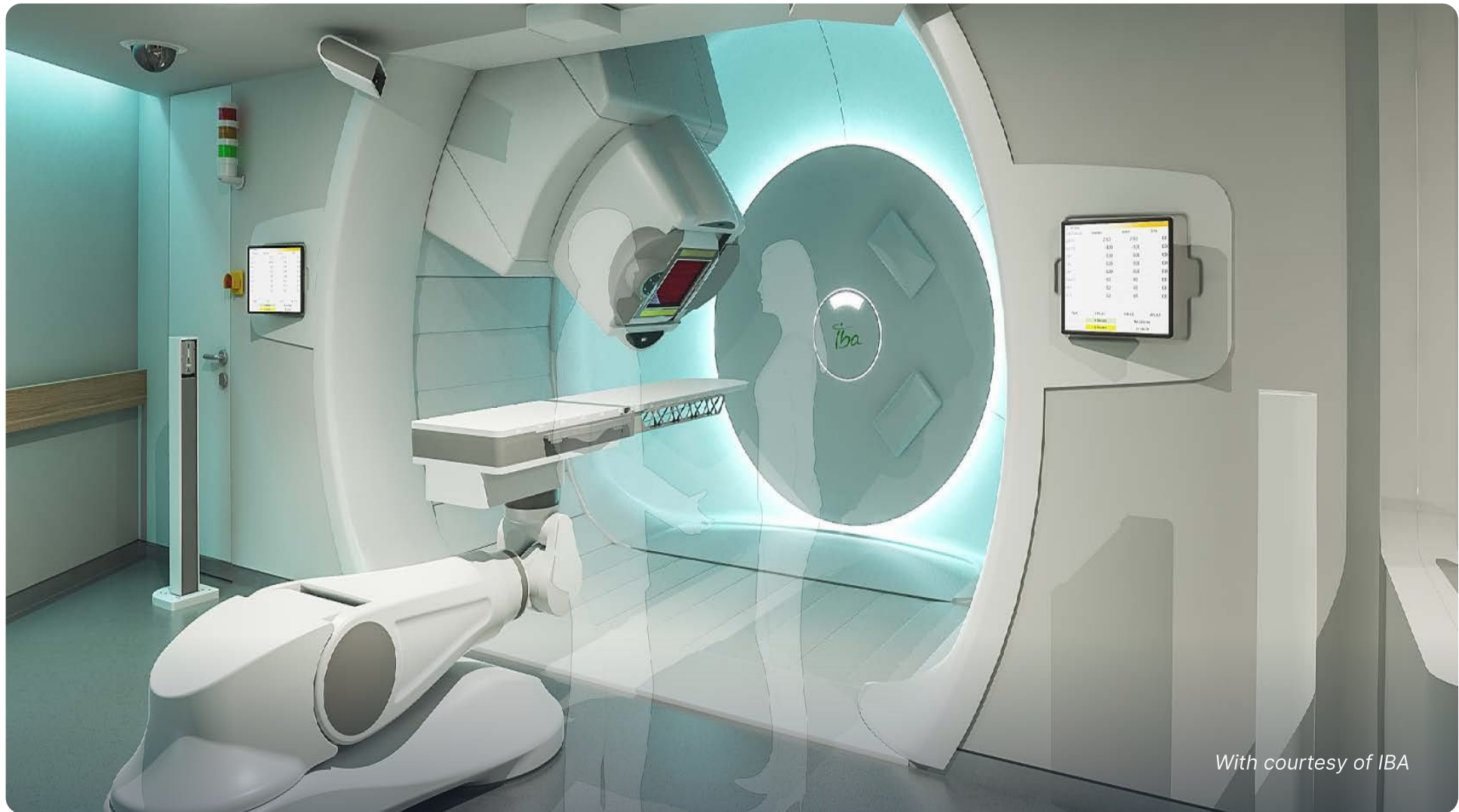




With courtesy of IBA

Precision patient positioning system

Synchronicity with six degrees of freedom


 FDA CLEARED & CE MARKED



User-friendly tool changer to couple couchtops, chairs & QA devices



Sub-mm accuracy in a large treatment volume



Very high payload — up to 375 kg



Dynamic positioning control



State-of-the-art robotic couch

BASIC TECHNICAL DATA		
	MECHANICAL UNIT	CONTROL UNIT
Dimensions (L × W × H)	2000 × 800 × 880 mm at folded homing position	810 × 510 × 1320 mm
Weight	1100 kg	180 kg

POWER SUPPLY CONNECTION	
Rated supply voltage	3~ 380Vac / 400Vac / 415Vac / 440Vac / 480Vac
Mains frequency	50 Hz ±1 Hz or 60 Hz ±1 Hz
Power input	Max. 5 kVA
Thermal power dissipation	790 W
Mains-side fusing	16 × 2 A slow-blowing (1(2)× phase; 1× neutral conductor)
Mains configurations	TT, TN-S, TN-C-S
Number of controlled axes	6

CARTESIAN TRAVEL RANGE	
Lateral (isocenter at 0 mm)	-2440 mm to 2440 mm · total 4880 mm
Vertical without accessory (isocenter at 1250 mm)	507 mm to 1691 mm · total 1184 mm
Vertical with QFix KView + tool changer (isocenter at 1250 mm)	778 mm to 1962 mm · total 1184 mm
Longitudinal (isocenter at 1950 mm)	1220 mm to 3450 mm · total 2230 mm
Top rotation (° about isocenter)	±95°
Pitch and Roll (° about isocenter)	High vol. ±5° (max ±15°)

TREATMENT VOLUME	
Absolute Accuracy	±0.5 mm
Dimensions (L × W × H)	1000 × 400 × 500 mm
Optimal distance robot base to isocenter	Long.: 1950 mm · Lat.: 0 mm · Vert.: 1250 mm

PAYLOAD (ON END-EFFECTOR)	
Safe workload — force torque sensor compensation	285 kg
Safe workload — external tracker sensor compensation	375 kg