

Laser Systems

for patient positioning
and virtual simulation in Radiotherapy

Your solution is unique...

- Innovation
- Customised configurations
- Flexibility
- Accuracy
- Reliability
- Simplicity
- Rapidity

Services: installation, training, maintenance



Parc d'Activité des Vallières • 5 Allée des Rousselets • 77400 Thorigny Sur Marne - France
☎ +33 (0)1 60 94 22 99 • 📠 +33 (0)1 64 30 62 67

A2J Laser America Corp.
3500 South Dupont Highway
Dover, DE 19901
USA

A2J Laser Technology
Lebacher Str. 4
66113 Saarbrücken
Germany

Contact: contact@a2jlaser.com • www.a2jlaser.com

BR 5.4.03-sept 07



A2J Laser Technology Laser Systems



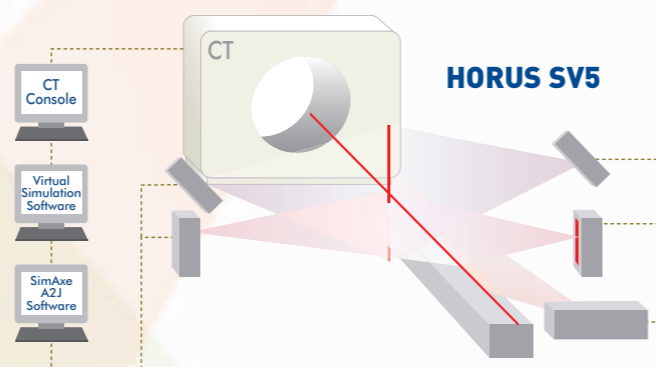
Laser Systems

for patient positioning and virtual simulation in Radiotherapy

A2J Laser Technology offers a large range of laser systems. Their customised configurations allow complying with all site requirements.

➔ **A2J** fixed laser systems range ensures patient alignment in radiotherapy, nuclear medicine, neurosurgery, and radiology. These laser systems enable a high accuracy such as the one required for stereotaxic radiosurgery.

to the treatment planning system, the laser systems will participate to the definition of the treatment parameters with a high accuracy. The precise marking on the patient skin allows to the radiotherapist to reproduce the positioning of the patient from one day to another.



➔ **A2J** laser systems HORUS range allows the marking of the patient skin at the isocentre of the tumour to be treated. This point will remain the reference along the treatment period. Connected

Laser Systems for patient positioning

Name	Type	Laser	Red Emission	Green Emission
LaserStar	Manual	Lateral	LS 002 / R	LS 002 / G
		Sagittal	LS 001 / R	LS 001 / G
LaserStar amagnetic	Manual	Lateral	LS 002 / R / NM	-
		Sagittal	LS 001 / R / NM	-
LaserStar MOTOR	Motor	Lateral	LS 002 / MR	LS 002 / MG
		Sagittal	LS 001 / MR	LS 001 / MG
LaserStar DUAL CROSS	Manual		LS 003 / DC Dual Emission	
AZ 92	Manual	Lateral	AZ 92 LR	-
		Sagittal	AZ 92 SR	-
AZ 92 amagnetic	Manual	Lateral	AZ 92 LR / NM	-
		Sagittal	AZ 92 SR / NM	-

ACCESSORIES

Small floor mount column	PP 006	For fixed laser
Ceiling mount	SP 004 LF	For fixed laser to a concrete ceiling slab

Laser Systems for virtual simulation in Radiotherapy

All configurations are delivered with a computer including the A2J SimAxe software, a test phantom and a manual.

HORUS SV1

Laser position	Type	Projection of the axis	Red Emission	Green Emission	Red / Green (Emission mixed choice)
Left lateral	Fixed	Cross	AZ 92 SV1/R	AZ 92 SV1/G	AZ 92 SV1/SG
Right lateral	Fixed	Cross			
Sagittal	Mobile	Vertical			

HORUS SV3

Laser position	Type	Projection of the axis	Red Emission	Green Emission	Red / Green (Emission mixed choice)
Left lateral	Fixed	Vertical transverse	AZ 92 SV3/R	AZ 92 SV3/G	AZ 92 SV3/SG
Right lateral	Fixed	Vertical transverse			
Left lateral	Mobile	Horizontal frontal			
Right lateral	Mobile	Horizontal frontal			
Sagittal	Mobile	Vertical			

HORUS SV5

Laser position	Type	Projection of the axis	Red Emission	Green Emission	Red / Green (Emission mixed choice)
Left lateral	Mobile	Vertical transverse	AZ 92 SV5/R	AZ 92 SV5/G	AZ 92 SV5/SG
Right lateral	Mobile	Vertical transverse			
Left lateral	Mobile	Horizontal frontal			
Right lateral	Mobile	Horizontal frontal			
Sagittal	Mobile	Vertical			

HORUS SV6

Laser position	Type	Projection of the axis	Red Emission	Green Emission	Red / Green (Emission mixed choice)
Left lateral	Mobile	Vertical transverse	AZ 92 SV6/R	AZ 92 SV6/G	AZ 92 SV6/SG
Right lateral	Mobile	Vertical transverse			
Left lateral	Mobile	Horizontal frontal			
Right lateral	Mobile	Horizontal frontal			
Sagittal	Mobile	Vertical			
Tibial	Mobile	Vertical			

ACCESSORIES

Small floor mount column	PP 006	For fixed laser
Long floor mount column	GP 007	For fixed or mobile laser
Ceiling mount	SP 005 LM	For mobile laser to a concrete ceiling slab
OPTION	Touch screen second console ET 008	For optimal use in room