

ABLATION FREE OF LEAD

CARDIOLOGY

CATHPAX®

Radiation protection cabin for Electrophysiology



- ▶ Complete radiation protection
- ▶ Operator comfort
- ▶ No lead aprons, no tiredness, no back problems
- ▶ Free at last
- ▶ Greater efficiency more cases

CE FDA



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 **LEMER PAX**
INNOVATIVE

CATHPAX® Radiation protection cabin

There has been a recent increase in the number of electrophysiology (EP) procedures, and new evidence which has identified that Physicians are being exposed to dangerous levels of radiation during these long procedures. In addition, the wearing of lead aprons has caused significant back problems for many of these EP physicians. The CATHPAX® (radiation protection cabin) provides a safe and comfortable solution, without compromising long-established working practices or putting a strain on the hospital's budget.



DESCRIPTION

- Arrive fully assembled in crate
- Adjustable for physicians, for material and EP rooms

BENEFIT of the CATHKIT®

- Speed and ease of use
- Sterility warranty



Prof. Michel Haissaguerre, Haut-Lévêque Hospital, Bordeaux, France.

"Use of a novel radiation protection cabin (RPC) during catheter ablation procedures obviates the need for lead protective apparel...
... With use of the CATHPAX®, catheter ablation can be performed comfortably with insignificant exposure rendering lead apparel superfluous."



Dr. Bernhard Strohmer, Paracelsus Private Medical University, Salzburger Landeskliniken, Dept. of Cardiology, Austria.

"The use of the CATHPAX® cabin turned out to be one of the most important achievements in my daily EP practice as far as radioprotection is concerned. The cabin is no hindrance at all for handling the catheters and the view to the monitors. Moreover, I think there is a positive effect on the outcome of the procedure if you are able to stay physically and mentally relaxed particularly during long lasting or complex ablations."



Prof. Dr. Hein Heidbüchel, Full Professor, Cardiology – Electrophysiology, Director of the Clinical EP Laboratory, University Hospital Gasthuisberg, University of Leuven, Belgium.

"The cabin has changed my life as an electrophysiologist: it takes away all my concerns that I might harm my own health and the future of my dependants while taking care of patients. The absolute freedom from any radiation makes that I can fully enjoy doing my job, even when it requires longer procedure durations and/or ablations in obese patients. This of course does not negate our mandate to lower radiation risks for the patients themselves. I can do all ablation procedures, and all aspects of these procedures (like transeptal punctures or exchange of such sheaths over long guidewires), from within the cabin. All my co-workers are obliged to work with the cabin ; the height can easily be adjusted. Use of the cabin required however initial adaptation of the wheel base for each of our cath labs (which has been done by our local distributor, but required even some welding), so that it can be aligned fully with the cath table and allows unobstructed access to the fluoroscopy pedals."



Prof. Kazutaka Aonuma, Division of Cardiovascular Medicine ,Tsukuba University Hospital, Japan.

"CATHPAX® has become one of the most necessary devices in my lab, especially when performing complicated cases such as Atrial fibrillation ablations and substrate-guided ventricular tachycardia ablations, where a longer procedure time is usually required.

From the whole body protection point of view, CATHPAX® provides enhanced protection by covering the entire body (from top of the head down to the toes), compared to the use of conventional lead aprons during catheter ablation procedures.

White blood cell count are normalized and my neck pain improved when using CATHPAX® compared to the use of the heavy lead aprons."



Dr. Francis Marchlinski, Hospital of the University of Pennsylvania Cardiology, USA.

"This innovation has been too long in the coming. It is a must for long ablation procedures."

DOSIMETRIC BOARD

	With CATHPAX®	Without CATHPAX®
Dose measured for one AF ablations	0,404 µSv	517,6 µSv

Result of a study made by Professor B. Strohmer in Salzburger Landeskliniken Salzburger in Austria / 2008



Professor Michel Haissaguerre,
Haut-Lévêque Hospital in Bordeaux



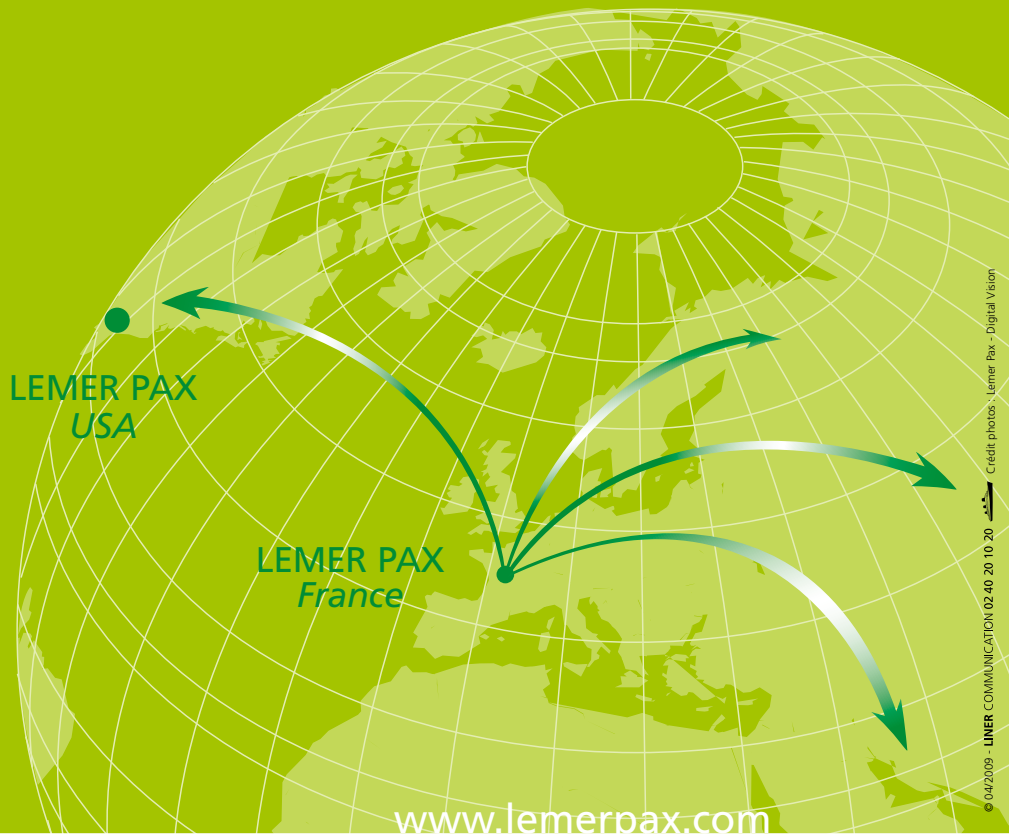
The LEMER Group's 5,000 m² ultra-modern facility provides a central location where specialist R+D, production and commercial teams work closely together.

Clients can rely on the technical and experience of LEMER PAX to ensure that all projects are handled professionally from initial design, through production, installation and ongoing maintenance support.



DATA SHEET :

- Easily decontaminable stainless steel frame
- Durable antibacterian Corian® outside lining
- 2 mm lead equivalent leaded glass
- 2 mm lead shielded cabin frame
- Removable, autoclavable armhole ports
- Flexible protective sleeve
- Height- adjustable arm holes
- 200mm diameter wheels for easy manoeuvrability of the shield
- Disposable sterile drape kit
- Width: 831MM/ 32 ¾ inches
- Height: 1992mm/78 7/16 inches
- Depth: 1015 mm/40 inches
- Weight: 145kg/320lbs
- Average user size: from 1.55m/61inches to 1.95m/76 ¾ inches



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