

Application of Photonics Technology in Medical Equipment Industry

Photonics technology has been widely used in medical equipment industry. Optical lenses, image sensors, lasers, VCSEL, infrared thermal imaging have been used on a large scale in endoscopes, wearable surveillance equipment, medical aesthetic equipment and health monitoring equipment.

APE 2024 (Asia Photonics Expo) is a comprehensive exhibition covering the whole photonics industry chain, focusing on the new products, technologies, and applications of the entire industry in optical communication, optics, laser, sensing, infrared, and display. It is a one-stop solution platform where biomedical enterprises, medical image enterprises, aesthetic and healthcare enterprises can source upstream and downstream products, learn about innovative technologies and conduct communication or business connections.

APE 2024

Asia Photonics Expo

March 6-8, 2024

Marina Bay Sands Singapore

15,000

Exhibition Area

5,000+

Visitors

400+

Exhibitors

Exhibitor Profile



**INFORMATION AND
COMMUNICATION**



**PRECISION OPTICS
& CAMERA**



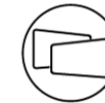
**INTELLIGENT
SENSING**



**INFRARED
APPLICATIONS**



**LASERS TECHNOLOGY &
INTELLIGENT MANUFACTURING**



**DISPLAY
TECHNOLOGY**

Exhibit Profile

Core Components

- Optical Lenses
- Lenses and Modules
- Medical Cameras
- Filters
- Coating Materials
- AR&VR
- Lasers
- Laser Chips
- 3D Printing Materials
- UV LED Core Components
- Visual Sensors
- Image Sensors
- Visual Integration and Application Solutions
- ...

Medical Diagnosis

- Infrared Thermal Imaging
- Terahertz Imaging System
- UV Sterilizers
- Laser Treatment Equipment
- Laser Aesthetic Equipment
- Laser Physiotherapy Instruments and Equipment
- Spectrometers
- ...

Manufacturing

- Industrial Sensors
- 3D Printing Equipment
- Robot Control System
- Laser Welding/Marking/Cutting/Cleaning/Scribing Equipment
- Intelligent Equipment and Automation Equipment
- ...

Target Visitors

R&D Institutes, Manufacturers and Organizations in Medical Instrument, Medical Image, Biomedicine, Healthcare and Aesthetic Medicine Industries

Key Exhibitors

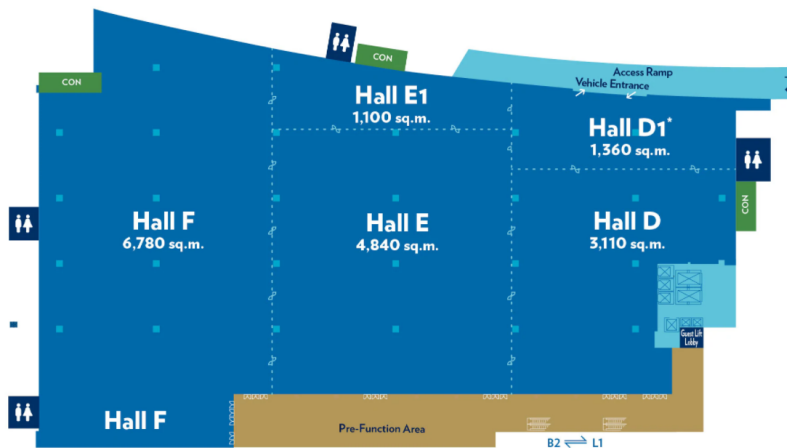


FLOOR PLAN

EXHIBITION HALLS ON

B2

Floor Area 17,190 sq.m.



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Email: visitors-ape@informa.com

Website: www.asiaphotonicsexpo.com