



■ Corporate Outline (As of end of December 2009)

Company Name Hamamatsu Photonics K.K.
Established September 29, 1953
Capital 34,928 Million Yen
Number of Employees 2,632 (not including 174 part-time and 73 staff working overseas and others)
Global Network

Europe

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Photon is our business

Sales Office



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History of Company

1953
● Hamamatsu TV Co., Ltd. (former name) established.



Headquarters and Ebisuka Factory

1961
● Tokyo office (present Tokyo Branch) opened.
1964
● Ichino Factory (present Main Factory) completed.
1966
● New York Business Office opened.
1969
● Hamamatsu Corporation established as a U.S.A.-affiliated company.

1973
● West-German joint company, Hamamatsu Television Europe GmbH, established.
● Toyooka Factory completed.



25th anniversary commemoration ceremony (1978)

1978
● A vacuum UV television camera on the "Kyokkou" (an unmanned satellite designed for aurora observation) is the first in the world to send back images from outer space of an aurora.

1979
● Osaka office opened.

1980
● Joko Factory completed.
● Production of photomultiplier tubes by Hamamatsu Corporation (U.S.A.) began.
● The first Photon Fair held.

1981
● Tenno Glass Works completed.

1983
● Company name changed to Hamamatsu Photonics K.K.



The first photomultiplier tube manufactured in the U.S. (1980)

1984
● Registered on the over-the-counter market of the Japan Securities Dealers Association.

1985
● Headquarters Business Office opened and Tsukuba Research Laboratory established.
● Affiliated company established in France.



Then Prince Akihito (present Emperor) visited Toyooka Factory. (1988)

1988
● Then Prince Akihito (present Emperor) visited Toyooka Factory.
● Affiliated companies established in the U.K. and Sweden. Joint company established in China.

1990
● Central Research Laboratory opened.
● Production of photomultiplier tubes began in China.

1991
● European Communication & Support Office established. Affiliated companies established in Italy and Spain.
● Merged with the entire Sales Division of Koa Electronics Ind. Co., Ltd.

1994
● Miyakoda Factory completed.
● Became a member of Japan Federation of Economic Organizations (now Nippon Keidanren).

1996
● Company's stock registered on the second section of the Tokyo Stock Exchange.

1998
● Company's stock registered on the first section of the Tokyo Stock Exchange.
● Sports Photonics Laboratory opened.

2000
● Mitsue Factory completed.

2002
● Masatoshi Koshiba, professor emeritus of University of Tokyo, was awarded the Nobel Prize in physics, as a result of research conducted at the Kamiokande, which was equipped with photomultiplier tubes made by HAMAMATSU.

2003
● As a first step of new industry to achieve "true health" for mankind, the building of a medical examination facility for the Hamamatsu Medical Imaging Center run by the Hamamatsu Medical Photonics Foundation was completed to facilitate the early detection of cancer and dementia.

2005
● The Graduate School for the Creation of New Photonics Industries established.



The Graduate School for the Creation of New Photonics Industries

2008
● Industries Development Laboratory opened.
● Awarded "The CERN LHC Industry Award" by CERN, as a company contributing to the development of detectors.

2009
● The Photon Fair '09 held.

1950s

1953
● Production of phototubes began.

1956
● Photomultiplier tubes were put on the market.
● Image pickup tubes were put on the market.

1958
● CdS cells were put on the market.

1959
● Side-on type photomultiplier tubes were put on the market.



Assembly and modulation of underwater cameras. (1953)



Selenium photocathode vidicons (1956)

1960s

1961
● Production of PbS photoconductive detectors began.
● Infrared vidicons were put on the market.

1963
● Succeeded in production of 1/2-inch vidicons.

1965
● Head-on type photomultiplier tubes were put on the market.
● Storage tubes were put on the market.

1969
● Image dissectors were put on the market.



Engineering Division staff (1960s)

1970s

1972
● Photon-counting photomultiplier tubes were put on the market.
● GaAs photomultiplier tubes were put on the market.
● Si photodiodes were put on the market.
● X-ray vidicons were put on the market.

1975
● Photomultiplier tubes for liquid scintillation counting were put on the market.
● Photomultiplier tubes for X-ray CT scanners were put on the market.

1978
● Microchannel plates were put on the market.
● GaAsP photodiodes were put on the market.
● Si PIN photodiodes were put on the market.

1979
● PSDs (position sensitive detectors) were put on the market.

1980s

1980
● Image intensifiers were put on the market.

1983
● PSDs for AF cameras were put on the market.



PSDs for AF cameras

1985
● Linear image sensors were put on the market.
● X-ray image intensifiers were put on the market.

1986
● Photo ICs were put on the market.
● UV spot light sources were put on the market.



Photo ICs

1987
● Fiber optic plates were put on the market.

1989
● Semiconductor UV sensors were put on the market.



UV spot light source

1990s

1993
● Metal package photomultiplier tubes were put on the market.
● CCD area image sensors for photometry were put on the market.

1994
● Near infrared photomultiplier tubes were put on the market.



Metal package photomultiplier tubes (1993)

1996
● Completed delivery of 11,200 20-inch photomultiplier tubes for Super Kamiokande.

1998
● Flat panel sensors were put on the market.

1999
● Solid-state Si sensor used by the European Organization for Nuclear research (CERN).



Super Kamiokande (1996)

2000s

2005
● Mini-spectrometers were put on the market.

2006
● CdTe radiation line sensors were put on the market.
● MPPCs (Multi-Pixel Photon Counters) were put on the market.

2007
● Photomultiplier tubes whose quantum efficiency was much improved were put on the market.

History of Products

Photoelectron Components

Light Sources / Laser

System Products

1970
● Hollow cathode lamps were put on the market.
● Deuterium lamps were put on the market.

1984
● Xenon lamps were put on the market.



Xenon lamps (1984)

1985
● High power pulsed laser diodes were put on the market.
1987
● Excimer lasers were put on the market.

1975
● Imagelyzers (image analysis systems) were put on the market.

1977
● Computer compatible video cameras were put on the market.
● Streak camera systems were put on the market.



Streak camera system

1980
● Night-viewers were put on the market.
1983
● Photomultiplier tubes for photonic microscopes were put on the market.

1984
● PIAS (Photon-counting Image Acquisition System) was put on the market.

1986
● ARGUS-100 (video microscopy system) was put on the market.
1987
● Hot Electron Analyzer systems were put on the market.
● CCD cooled cameras were put on the market.

1991
● Picosecond fluorescence lifetime measurement systems were put on the market.

1992
● Near infrared oxygenation monitors were put on the market.

1997
● X-ray linescan cameras were put on the market.



Near Infrared Oxygenation Monitor (NIFO) (1992)

2000
● FDSS (Functional drug screening system) was put on the market.

2005
● NanoZoomer Digital Pathology was put on the market.

2006
● TDI Camera was put on the market.

2008
● Rapid estimation method of chemical toxicity using delayed luminescence on alga photosynthesis developed.