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Trend in Japanese vacuum industry

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Japan Vacuum Industry Association was established at 1985, and member company has maintained statistics in order and sales of vacuum equipment since 2000. Subsequently, international statistics by Europa, U.S. and Japan has been maintained since 2002, and similar treatment by each vacuum industrial field has been done since 2005.

Vacuum equipment is classified into System, Component, and Service respectively, and vacuum industrial field is classified into Semiconductor, FPD, Electronic parts, Optics, and Physical and chemical appliance. In this presentation, it will be shown trend in Japanese vacuum industry based on following statistics.

Total sales of all vacuum systems, components, and services in 2015 came to 600.5 billion yen or 110% of the previous year, an increase of 59.4 billion yen. Of total sales, export sales and domestic sales came to 372.0 billion yen and 225.6 billion yen, or 113% and 107% of the previous year, respectively. Sales of vacuum systems, all components and services were 110, 115% and 99% of the previous year, respectively.

As for the orders amount of calendar year, year 2007 was the peak and the year 2015 was 76.2% of the year 2007.

In 2015 sales to the Semiconductor, FPD, Electronic parts, Optics, and Physical and Chemical appliance amounted to 308.9 billion yen, 111.5 billion yen, 49.3 billion yen, 39.6 billion and 10.5 billion yen, respectively, accounting for 53.3%, 19.3%, 8.5%, 6.8% and 1.8% of the total.

In the sales statistics by industry in 2014, the percentage of the industry field came to 54.1% for semiconductor, 16.3% for FPD, 6.8% for optics, 6.4% for electronic parts and 1.8% for physical and chemical appliance. This reveals that when compared the results of 2015 with the 2014, the sales amount of semi-conductor, flat panel-related and electronic parts industries increased and the percentage of these three field was a little over 81%.