



Kyushu University Ito Campus

Meisei Electric Grasped an Order of Satellite On-Board Optical Unit from Kyushu University !

Meisei Electric has grasped an order of "Satellite On-Board Optical Unit" (hereinafter called "Camera") from the Kyushu University.

This camera is based upon the 2009 microsatellite research and development plan of MEXT (Ministry of Education, Culture, Sports, Science and Technology) and will be put on "Microsatellite Earth Observation System Proof Satellite" (QSAT - EOS) developed by "Development of the General-Purpose Micro Man-Made Satellite System for Earth Observation".

The mission of this satellite is acquire the ground pictures having high space resolving power for the supervision of meteorological disaster to be occurred locally.

By the difference between before and after the disaster it enables to examine the state and the scale of the disaster.

The performance of the camera is equal to or less than 10m in resolving power when regarded as subagency in orbital angle 700km above the ground.

Meisei Electric technology aims at the contribution to the supervision of disaster from the Space.



Japan Science and Technology Agency Office

Employment of Practical Realization Development for "CO2 Continuous Analyzers" by JST !

Meisei Electric's proposal "Optical Carbon Dioxide Continuous Analyzers Aiming at Global Standards" was submitted and employed for "Year 2010 New Developing Theme Prototype Validation and Practical Realization Program" by JST (Japan Science and Technology Agency) Industry-University Cooperative and Innovative Acceleration Business "Development of Systems and Technology for Advanced Measurement and Analysis".

This program is one out of 29 themes adopted among 240 themes of application by universities, independent administrative agencies, public and private research institutes and private companies.

So far the fourier spectroscopy, which was also installed on the satellite "IBUKI", was conventionally used for a method to measure atmospheric carbon dioxide concentration but it was very dear and serious in the setting and the maintenance. This analyzer is not only cheap but also easy for setting and maintenance and remarkably improves the observation network contributing to global warming problem. It performs physics measurement of the sun light with optical fiber spectroscopy.



Scene of Launch at Yangjiang (China) Meteorological Observatory

Meisei Electric Participated WMO sponsorship "International Radiosonde Intercomparison Experiment" !

Meisei Electric has sent 2 engineers in charge for "International Radiosonde Intercomparison Experiment" held at Yangjiang (China).

At the experiment sponsored by WMO (World Meteorological Organization) every 5 years the radiosondes submitted by manufacturers are compared in the performance of observation aiming at maintenance and improvement of the performance level. The participants reached 9 countries (Finland, USA, Switzerland, Germany, France, South Africa, Korea, China and Japan). From Japan Meisei Electric only participated in both especially worksite operations radiosonde and standard radiosonde session.

Meisei Electric aims are to lead the world radiosonde market by enhancing the performance of the radiosonde through the experiment.

FROM UNDERWATER TO OUTERSPACE

Meisei Electric is the worldwide general environmental observation systems manufacturer aiming at the future enrichment of the mankind and the society under the theme of "From Underwater to Outerspace" by the full use of its advanced technology.