

## History of Earthquake-Proof Automatic Gas Shut Off Device

- Jan., 1976      The Earthquake-Proof Automatic Gas Shut Off Device was designated as LP Gas equipment designated by government ordinance under The Act on Securing Safety and Optimization of Transaction of Liquefied Petroleum Gas
- Feb, 1976      Voluntary inspection system for Earthquake-Proof Automatic Gas Shut Off Device started.
- Aug., 1976      The Japanese Prime Minister's office designated regions which are to have enhanced measures to protect against earthquakes.

From the above actions the Japanese government and the Japan Community Gas Association established the committee for earthquake prevention. Ito Koki started to develop the device as a member of this committee.

We successfully developed the Earthquake-Proof Automatic Gas Shut Off Devices which are operated only by medium gas pressure (0.25~2bar) of LP Gas. They do not require any other power sources, such as electricity. Our devices are most suitable for community gas business supplying LP gas to estates in Japan which consist of 70 houses or more.

- May, 1981      Mass production of the device began.
- Jan. 2002      We started to employ two earthquake sensor elements, a steel ball drop system and a heavy bob magneto system in the earthquake sensor. Our devices passed the Japan LP Gas Instrument Inspection Association's inspections, which is called "Earthquake-Proof Automatic Gas Shut Off Devices for community gas".

Currently, our Earthquake-Proof Automatic Gas Shut Off Devices are installed in approx. 7,700 sites where LP gas is supplied to more than 70 houses. Our market share in Japan is over 90%. And, the devices support and protect life for 19,000,000 people.