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The leak detection methods of the electric propulsion spacecraft researched after xenon filled

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In order to test the leakage of the electric propulsion spacecraft after the xenon filling, it was studied which were the leak detection of methods and key technologies. A leak detection system has been developed by basing on the gas chromatography(GC). It was reliable which was verified by the experiments. The result proved that the leak detection system of the electric propulsion spacecraft could satisfy the task requirements.

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