

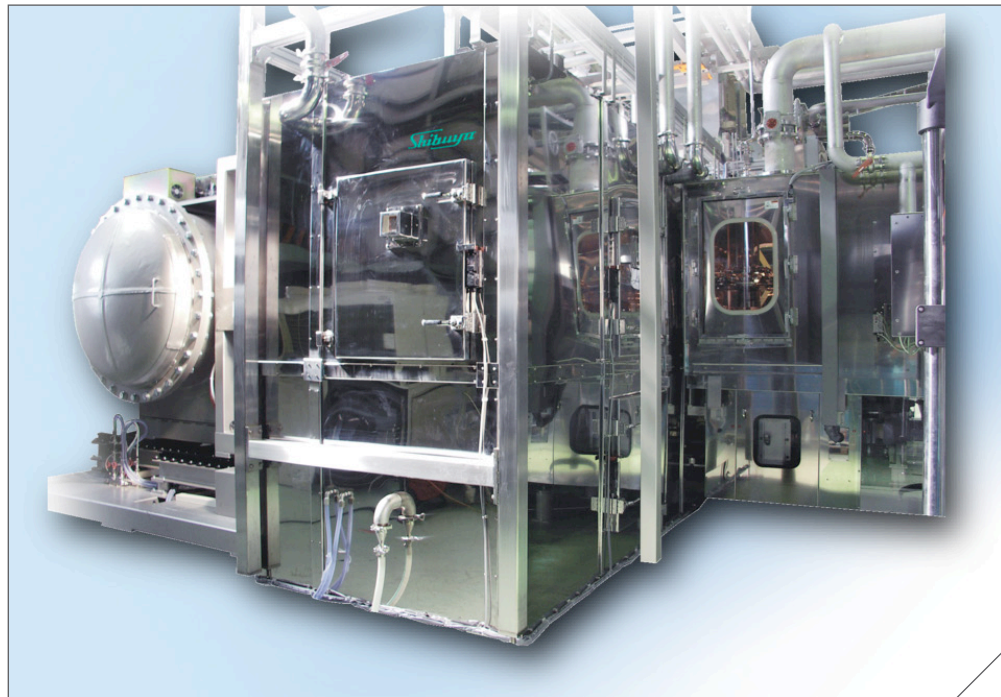
# Electron Beam Aseptic Filling System

## Advantages over conventional sterilization methods

- Reduction of CO<sub>2</sub> emissions
- Water not required for sterilization
- Reduction of running costs
- Smaller footprint

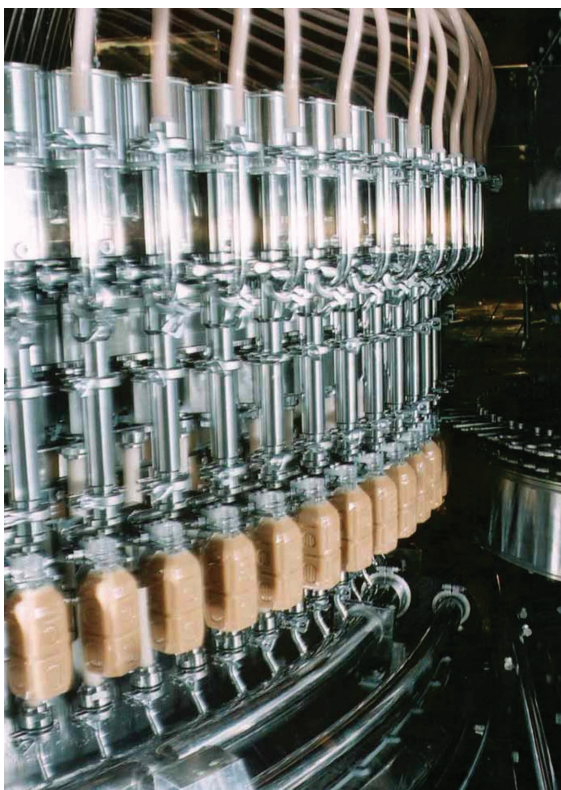
## Filler/Capper

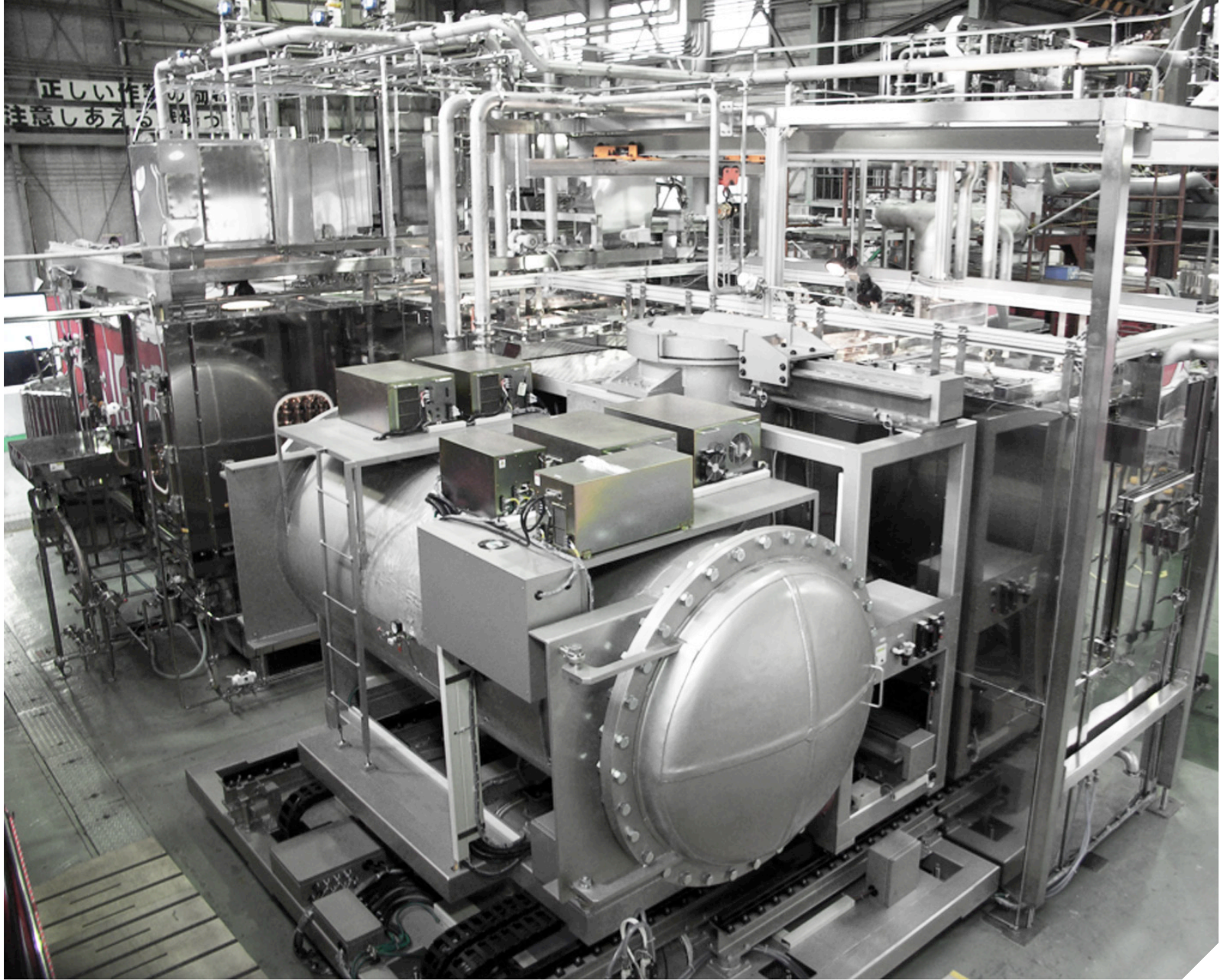
- High filling accuracy using net weight method
- Simplified fluid path for efficient cleaning and sterilization
- Individually controlled servo motors providing reliable capping



Shibuya Kogyo has developed the world's first E-Beam Aseptic Filling System. Shibuya has delivered over 110 conventional aseptic filling lines worldwide and is the supplier of over 80% of the aseptic filling lines in Japan. Shibuya's knowledge and expertise in aseptic filling has led to the development of the E-Beam Aseptic Filling System. The E-Beam system eliminates the concern of chemical residual on PET bottles, as found using alternative H<sub>2</sub>O<sub>2</sub> or PAA sterilization methods; and also provides a safe, economical, small footprint and environmentally friendly alternative for sterilization.

The Shibuya Kogyo E-Beam Sterilization system is designed to eliminate microorganisms on all surfaces of PET bottles through irradiation with a beam of high-energy electrons. The injection of accelerated electrons onto the PET bottles has provided highly reliable and effective sterilization results. Using an electron beam as a sterilization tool, the E-Beam Aseptic Filling system enables Shibuya to help move towards environmental sustainability by using less space, eliminating the use of water and making efficient use of required power. This E-Beam Sterilization system, along with the proven quality of the Shibuya Aseptic Filling and Capping systems, makes the Shibuya Kogyo E-Beam Aseptic Filling System an integrated one-stop solution to your filling needs.





# World's 1<sup>st</sup> E-Beam Aseptic Filling System!

- Online » [Request a quote online at  
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- Call » 800.368.3582
- Email » [Aseptic@ShibuyaHoppmann.com](mailto:Aseptic@ShibuyaHoppmann.com)

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