



Power Supply Control Device Manufacturer

Almost a century of expertise in
manufacturing power supply control
devices.

Tokyo Rikosha Co., Ltd.



Company Profile

Trade name Tokyo Rikosha Co., Ltd.
Industry Electrical machinery and equipment manufacturing
Established April 1962
Founded October 1924
Capital 47,000,000 Japanese Yen
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Main product history

- 1924 Started manufacturing and sale of electric science equipment
- 1943 Slide transformer and various transformers
- 1950 Magnetic amplifier type Automatic Voltage Regulator
(Received technical guidance from the National Institute)
- 1969 Started manufacturing Stabilized-power-supply
- 1973 D.C Power supply
- 1981 Thyristor Type Power Regulator (Product name: VARITAP)
- 1992 AC Switching Regulator (Wave Series)
- 1993 Frequency-Converter (AC/AC Converter)
- 1996 Non-Contact Energy Transfer Systems
- 1998 Noise-Cut Transformer
- 1999 Lightning - Resistant Transformer
- 2002 The instantaneous power failure generation device
- 2008 A voltage descent examination device(Dip Simulator)
- 2010 Thyristor Type Power Regulator (VTCQ Series)
- 2012 Heater Controller (HY Series)
- 2019 Thyristor Type Power Regulator(VSCX Series)





Applications of our products

1. As power supply equipment for factories
2. As power supply controllers for manufacturing devices



Solutions for power control



**Black out
UPS**

**Voltage fluctuation
AVR**



**Voltage drop
AVR**

Testing System

**Power plant
Generator**

**Commercial
Power supply**

**Production
Equipment**



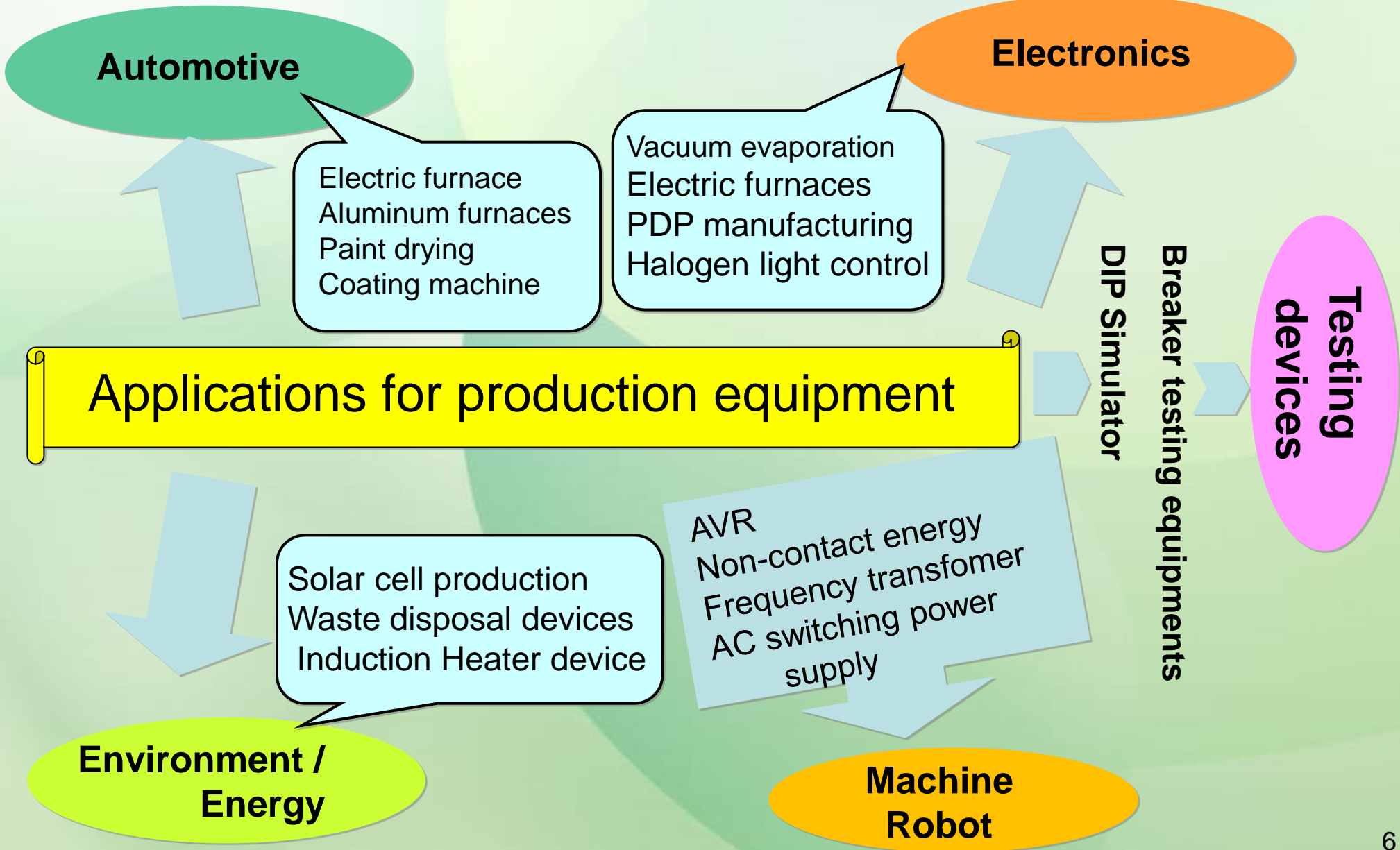
**Lightning
Lightning - Resistant Transformer**

**Lightning surge
Noise Cut Transformer**

**Noise
Noise Cut Transformer**

**Stable operation
of the machine**
- Machine protection
- Defect avoidance
- Stable manufacturing







Applications in Electronics

1) Temperature control
for Vacuum deposition device



VARITAP





Applications in Electronics

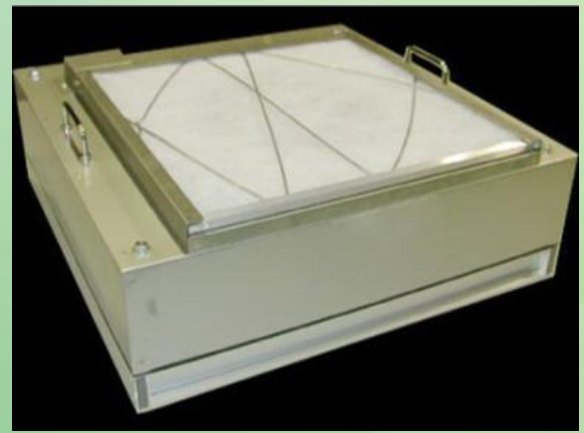
2) FFU motor control for Clean Rooms



VP series

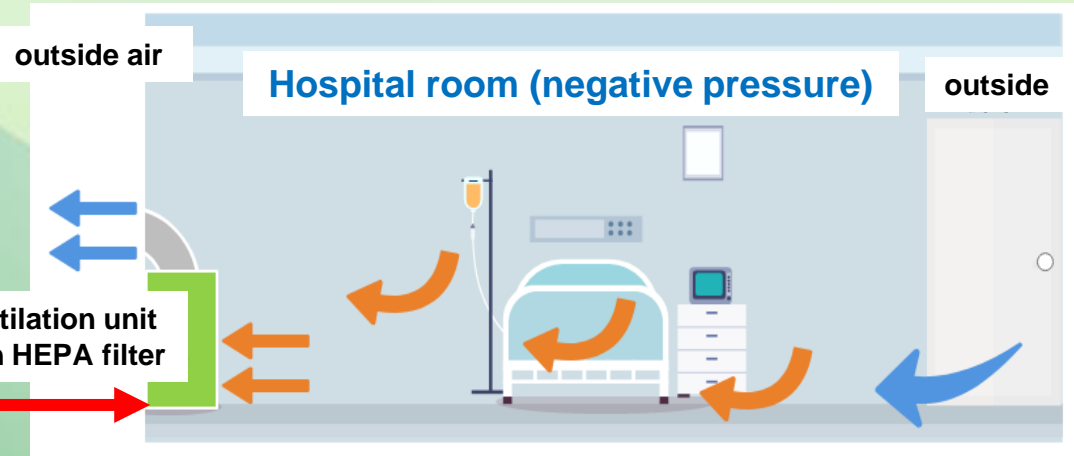


Slide Transformer



Applications in **FAN Filter Units**

- Motor Controller for Negative pressure exhaust / air purifier devices



Applications in Test devices

- Test equipment such as induction heating/ heat cycle tester / automatic voltage regulator



High frequency induction heating



Heat cycle tester



Other Applications

Food processing machine (Temperature regulator device)



焼鳥炉

Cooking furnace



IH(Induction Heating) cooking device

Slide transformer Line testing machine



Dip Testing machine





Solution for new categories

1) Manufacturing of roll coaters

A mechanical machine that applies adhesive

It is used for pasting cushioning materials such as cardboard boxes.





Solution for new categories

2) Hot melt line





Thank you



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株式会社 東京理工舎

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