



Technical Specifications of VBK Hypochlorous
Acid Generation & Packaging Solutions

Product Specification Sheet

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Technical Specifications



Product Overview

The VBK-300C is a compact on-site hypochlorous acid (HOCl) generation system designed for customers requiring efficient and reliable disinfectant production.

The system produces hypochlorous acid solution directly on-site, providing a safer and more economical alternative to traditional disinfectant purchasing and storage.

Technical Specifications

Parameter	Specification
Product Name	Hypochlorous Acid Generator
Model	VBK-300C
Rated Voltage	AC 220V $\pm 10\%$, 50Hz
Rated Power	60W
Water Inlet Pressure	0.25 MPa - 0.4 MPa
Rated Production Capacity	300 L/H
Disinfection Factor	Hypochlorous Acid (HOCl)
pH Range	5.0 - 6.5
Available Chlorine Concentration	50 - 200 mg/L (Adjustable)
Machine Dimensions (L $\times$ W $\times$ H)	500 $\times$ 335 $\times$ 870 mm

Key Features

- On-site HOCl generation technology
- Adjustable chlorine concentration output
- Compact design with high efficiency
- Reduced dependence on packaged disinfectants
- Simple operation with low maintenance requirements
- Suitable for various commercial and industrial applications

Applications

- Poultry and Livestock Farms
- Food Processing Facilities
- Healthcare and Medical Institutions
- Schools and Childcare Facilities
- Public Sanitation Projects

Technical Specifications



Product Overview

The VBK-500C is an on-site hypochlorous acid (HOCl) generation system designed for commercial and industrial applications. By producing HOCl solution directly on-site, it helps users reduce chemical storage, transportation costs, and improve disinfection efficiency.

With stable production performance, adjustable available chlorine concentration, and easy operation, the VBK-500C is suitable for farms, food processing facilities, healthcare institutions, and commercial sanitation applications.

Technical Specifications

Parameter	Specification
Product Name	Hypochlorous Acid Generator
Model	VBK-500C
Rated Voltage	AC 220V $\pm 10\%$, 50Hz
Rated Power	60W
Water Inlet Pressure	0.25 MPa - 0.4 MPa
Rated Production Capacity	500 L/H
Disinfection Factor	Hypochlorous Acid (HOCl)
pH Range	5.0 - 6.5
Available Chlorine Concentration	50 - 200 mg/L (Adjustable)
Machine Dimensions (L $\times$ W $\times$ H)	500 $\times$ 335 $\times$ 870 mm

Key Features

- On-site hypochlorous acid production
- Adjustable available chlorine concentration
- Stable HOCl output performance
- Low chemical storage and transportation requirements
- Easy operation and maintenance
- Suitable for continuous disinfection applications

Applications

- **Livestock and Poultry Farms**
- **Food Processing Plants**
- **Healthcare Facilities**
- **Schools and Public Facilities**
- **Commercial Cleaning and Sanitation Services**

Model: VBK-160G



Product Overview

The VBK-160G is an automatic filling machine specially designed for hypochlorous acid (HOCl) solution packaging. With a dual-nozzle filling system, precise volume control, and a 160L storage tank, it provides an efficient solution for HOCl disinfectant production and bottling applications.

Technical Specifications

Parameter	Specification
Product Name	Hypochlorous Acid Filling Machine
Model	VBK-160G
Rated Voltage	AC 220V $\pm 10\%$, 50Hz
Rated Power	60W
Standby Power Consumption	15W
Machine Capacity	160 Liters
Number of Filling Nozzles	2
Output Flow Rate	2.5 L/min per nozzle
Filling Volume	2 L $\pm 1\%$ per cycle
Filling Accuracy	$\pm 1\%$
Machine Dimensions (L $\times$ W $\times$ H)	644 $\times$ 435 $\times$ 1239 mm
Operating Temperature	5° C - 55° C11

Key Features

- Designed specifically for hypochlorous acid solution filling
- Dual-nozzle filling system for higher efficiency
- High filling accuracy with stable operation
- 160L integrated solution storage tank
- Compact design with easy operation and maintenance
- Suitable for small and medium-scale HOCl production and packaging

Applications

- **Hypochlorous Acid Production Facilities**
- **Disinfectant Packaging Lines**
- **Food Processing Plants¹³**
- **Livestock and Poultry Farms**
- **Healthcare Facilities**
- **Commercial Sanitation Service Providers**