

EXHAUSTING SYSTEM TT-S402



Exhausting System TT-S402 - The neutralization system (Scrubber) offers several functionalities, including triple filtration, condensate recovery from exhaust gas, and filtration with a neutralization device. Using high-quality anticorrosive pumps, it operates quietly, offers robust suction, reduces exhaust emissions, and promotes an eco-friendly environment.

APPLICATIONS

- **Kjeldahl Digestion Systems:** Neutralizes acid mist and reaction gases generated during protein and nitrogen digestion, ensuring a safer and cleaner laboratory environment.
- **Chemical Laboratories:** Handles exhaust gases from acid-based digestion and extraction processes, reducing harmful emissions and improving workplace safety.
- **Pharmaceutical & Biotechnology Labs:** Provides efficient gas scrubbing during sample digestion to protect operators and maintain compliance with safety regulations.
- **Food & Feed Testing:** Supports digestion workflows in food and agricultural testing laboratories by filtering hazardous exhaust gases for safer operations.
- **Environmental Testing:** Used in soil, wastewater, and air analysis labs to safely treat corrosive exhaust produced during digestion and chemical testing.
- **Academic & Research Institutions:** Suitable for teaching and research facilities where frequent digestion experiments generate acidic vapors requiring safe removal.

FEATURES

S402 Exhausting System

- The entire machine is produced using mold technology, presenting a simple and elegant appearance. It features a translucent design in the neutralization unit for easy observation and replacement. Real-time adjustment of suction intensity and negative pressure prevents acid gas overflow.
- Exhausting System TT-S402 Equipped with an anti-corrosion vacuum pump, it operates quietly with strong suction, reducing exhaust gas emissions for energy conservation and environmental friendliness. The triple filtration system, including water filtration, alkali neutralization, and activated carbon filtration, effectively neutralizes acid mist and reaction gases produced during Kjeldahl digestion or similar processes.
- Furthermore, its PTFE corrosion-resistant pipeline design enhances the overall lifespan of the instrument.

TECHNICAL SPECIFICATIONS

Pump suction capacity	40L/min
Power consumption	320W
System suction capacity	50-400mBar
Power	220 VAC±10% 50HZ (110V is also available. Please specify when ordering)
Weight	88.2 lbs.



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