

Supmea



Paper Industry Solutions

Committed to Process Automation Solutions

DIRECTORY

01 Company Introduction 02 Qualifications and Honors

03 Supmea & Paper Industry 04 Partial Typical User

05 Pulp and Paper Production Process 06 Product Recommendation

07 Application Cases 08 Global Supply Chain & Service Network

Committed to Process Automation Solutions



Supmea Automation is a national high-tech enterprise dedicated to process automation. The company provides solutions in flow, analysis, level, pressure, and temperature measurement, as well as digital cloud platform services for industries including water and wastewater treatment, energy and power, chemicals, life sciences, food and beverage, and data centers.

With advanced flowmeter calibration systems, a CNAS-certified 1,500m² laboratory, and two

leading SMT production lines, Supmea delivers an annual capacity of several hundred thousand units. Supported by a professional team of nearly 600 employees, the company operates service networks in over 40 Chinese cities, has established its overseas headquarters in Singapore and a joint venture factory in Saudi Arabia, and runs overseas warehouses and service hubs across multiple countries. Today, Supmea's business spans more than 150 countries and regions worldwide.

Qualifications and Honors

Honors



Explosion-proof Certificate



Patent Certificate



Trademark



CE Certificate



Supmea & Paper Industry



In the paper manufacturing industry, Supmea has extensive customer application experience, helping users optimize resource utilization, increase production capacity, enhance operational efficiency, and achieve maximum cost reduction and efficiency improvement.



Improve Production Efficiency

The application of automation control systems and instrumentation enables the papermaking process to be more precise and efficient, reducing the risk of manual operation errors and significantly improving production efficiency.



Optimize Product Quality

Through real-time monitoring using quality control and inspection instruments, quality issues in the production process can be detected and resolved promptly, improving product stability and qualification rate.



Reduce Energy Consumption Costs

Energy management instrumentation enables real-time monitoring and analysis of energy usage, helping enterprises identify energy bottlenecks, implement energy-saving measures, and reduce production costs.



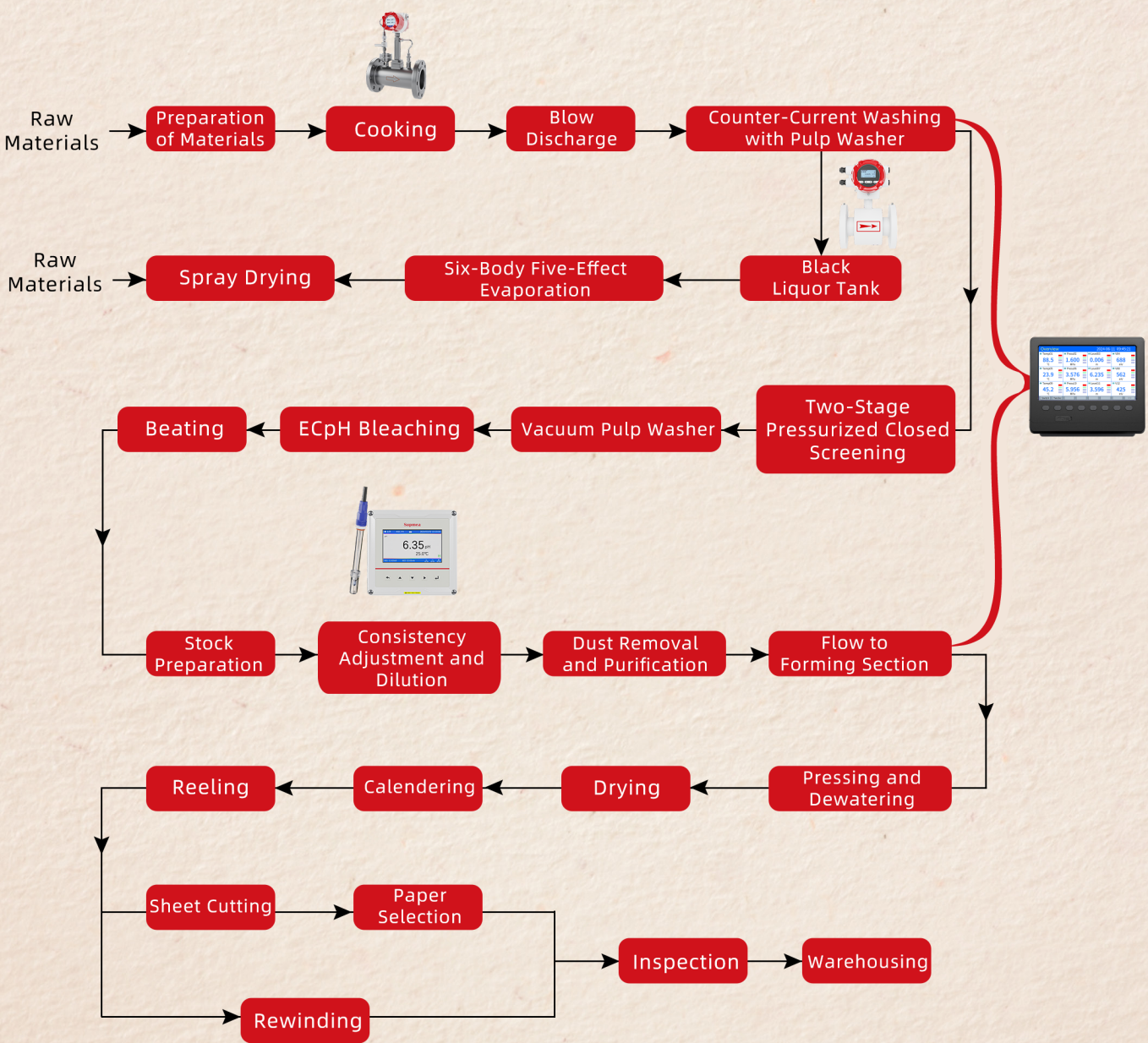
Minimize Scrap Loss

Accurate measurement and process control through instrumentation reduce the generation of defective products during manufacturing, lowering scrap losses and improving economic performance.

Partial Typical User



Pulp and Paper Production Process



Product Recommendation



01 Remote Electromagnetic Flowmeter LDG-SUP-A100
Specifically designed for remote reading applications

- Visualized rectangular flow bar graph ;
- Real-time display of instant (Q value) and cumulative value ;
- 8 major international liquid measurement units are optional;
- Triple-protected lining: anti-detachment, anti-edge-peeling, and leak-proof;
- DN10~DN1000 (3/8" to 40") optional.



02 Compact Electromagnetic Flowmeter LDG-SUP-A100
No need for grounding, used for process measurement such as dosing

- Compatible with the operation interface, saving users debugging and learning time;
- IP65 protection to ensure the stable operation of the machine and the safety of users in harsh environments;
- Self-diagnosis technology to help users analyze and solve problems;
- DN10~DN1000 (3/8" to 40") optional;
- Photovoltaic battery power supply optional.



03 Practical Vortex Flowmeter LUGB-SUP
With temperature and pressure compensation, designed for steam flow monitoring in the papermaking process

- Zero-drift pulse frequency output for highly stable performance ;
- Low pressure loss, classified as an energy-saving flow instrument ;
- Flexible installation options, suitable for complex operating conditions ;
- Wide measuring range, turndown ratio up to 1:10~1:25 ;
- Optional lithium battery power supply ;
- Multiple circuit protection modes for surge resistance and enhanced adaptability ;
- Excellent high and low temperature tolerance, environmentally friendly design.



04 Glass Electrode for pH Measurement SUP-pH5015
Designed for high-temperature and corrosive environments, suitable for flue gas absorption towers and automatic pH dosing

- High-temperature resistance and stable performance ;
- Built-in temperature compensation ;
- Strong acid and alkali resistance ;
- Wide range of applications.



05 Ultrasonic Level Meter for Liquid Level Measurement SUP-WSU200
High-precision and anti-interference, suitable for monitoring liquid levels in sewage tanks and pulp tank

- Optional NB-IoT wireless communication, allowing real-time data monitoring via mobile devices ;
- High measurement resolution, with resolution better than 3 mm ;
- Echo curve display for convenient on-site debugging ;
- Automatic temperature compensation to improve measurement accuracy.



06 Paperless Recorder for Data Logging SUP-R6000C
High-definition display and compact size, suitable for monitoring and recording various process parameters

- Isolated channels for precise and stable measurements ;
- Compatible with multiple signal types: current, voltage, resistance, thermocouple, and millivolt ;
- Real-time trend curve display for dynamic analysis ;
- Bar chart display for intuitive comparisons.

Application Cases

Hangzhou-Based Product Manufacturer

Selected Products: Vortex Flowmeter, Electromagnetic Flowmeter, Ultrasonic Level Meter

Customer Feedback: “The products and services are trustworthy. The system operates stably and ensures accurate measurement of all production indicators, greatly improving production efficiency and reducing maintenance costs.”



Jiangsu-Based Paper Manufacturer

Selected Products: Electromagnetic Flowmeter, pH Sensor

Customer Feedback: “Supmea has extensive industry experience and a highly professional after-sales service team. The products run stably, and all parameter data meet standards, fully supporting the needs of remote monitoring.”



Global Supply Chain & Service Network

Headquarter, China

Mail: info@supmea.com
Tel: 86-15868103947
Add: 5th floor, Building 4, Singapore Hangzhou Science & Technology Park, Hangzhou Economic & Development Area, Hangzhou 310018, China

Science and Technology Park, China

Add: No.369, Kechuang Road, Tongxiang, China

Singapore Branch (Overseas Warehouse, Singapore)

SUPMEA INSTRUMENT PTE. LTD.
Mail: info@supmea.com
Add: 2 Venture Drive #11-30 Exchange Singapore

Overseas Warehouse, Malaysia

Add: Taman Industries Emas jaya Tongkang Pecah; Malaysia

Overseas Warehouse, Vietnam

Add: Van Khe, La Khe, Ha Dong, Hanoi

Overseas Warehouse, Philippines

Add: Sto Tomas City, Batangas, Philippines

Overseas Warehouse, Indonesia

Add: Jawa Barat, Indonesia

Overseas Warehouse, Korea

Add: Gyeonggi-do, Korea

Overseas Warehouse, South Africa

Add: Honeydew, Roodepoort, 2170; South Africa

Supmea Automation Co.,Ltd.

 www.supmea.com
 86-15868103947
 info@supmea.com

