# Online Performance Monitoring System (Bag Filter & Gas Scrubber)

*Performance Monitoring at Your Fingertips*

## Revolutionising Traditional Monitoring Methods

Experience a more cost-efficient and convenient way to monitor machines online with MASTERJAYA Online Performance Monitoring Systems for Bag Filter and Gas Scrubbers. Our monitoring systems eliminate manual system monitoring and recording while facilitating smooth preparations of month-end summary reports.

## Benefits

- Real-time data monitoring to maximise efficiency.
- Monitor, analyse & record performance data by hour, day, week, month & year.
- Access auto-generated monitoring reports for DOE compliance purposes.
- Monitor with ease through a website or mobile app, anytime & anywhere.
- Full control over systems even when you are away from the plant.
- Staff receives an auto-triggered message upon detecting abnormal reading range/ system malfunction/stoppage.
- Offers excellent analysis trends for preventive maintenance & servicing planning.
- Eliminates repetitive monitoring tasks & improves productivity by enabling focus on operational insights.

# Bag Filter Dust Collector Online Performance Monitoring System

*Optimising Dust Collection Efficiencies*

## Bag Filter Dust Collector

The pulse-jet bag filter is a highly efficient air pollution control system that removes particulates from polluted air.

- Manufactured with modular components.
- Flexibility for selection, sizing, construction materials, filter media & equipment arrangement.
- Heavy-duty filter.
- Long lifespan.

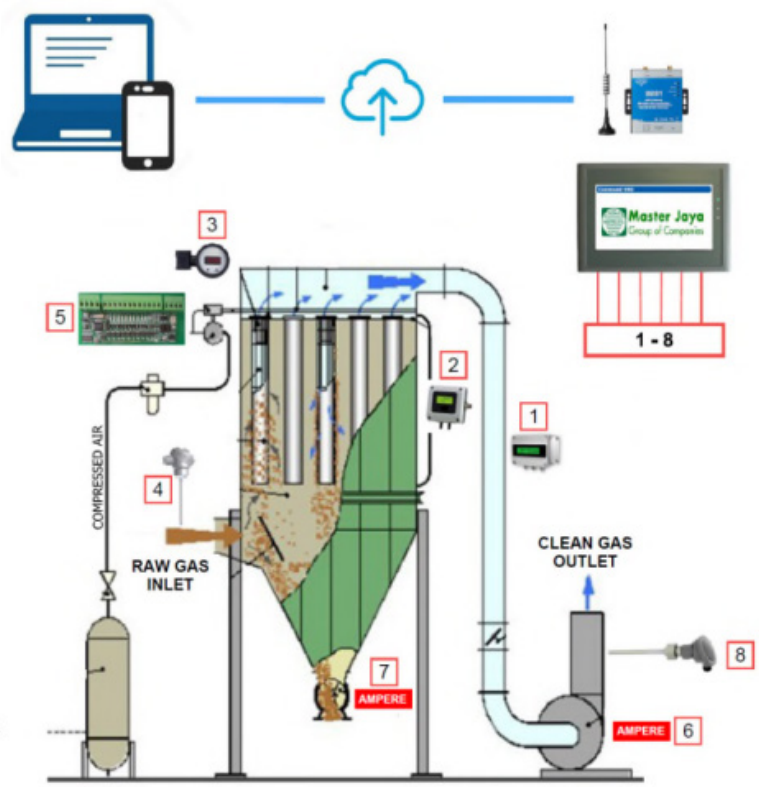
## Monitoring System Components (Bag Filter Dust Collector)

*Compliant With The Department of Environment Standards*

### Keep Track of Maintenance & Monitoring Records

To ensure seamless operations, baghouses require a reliable programme for record-keeping, which can extend their useful life and minimise harmful emissions.

- Operating & preventive maintenance records.
- Performance monitoring records.
- Requirements for record keeping depend on manufacturing process type, operation size, the industry's size & location.




1 VELOCITY TRANSMITTER
2 DIFFERENTIAL PRESSURE TRANSMITTER
3 PRESSURE TRANSMITTER
4 TEMPERATURE TRANSMITTER
5 PULSING CONTROLLER
6 FAN RUNNING AMPERE
7 ROTARY VALVE RUNNING AMPERE
8 DUST LEAK DETECTOR

# Gas Scrubber Online Performance Monitoring System

*Improving Air Quality with Versatile Systems*

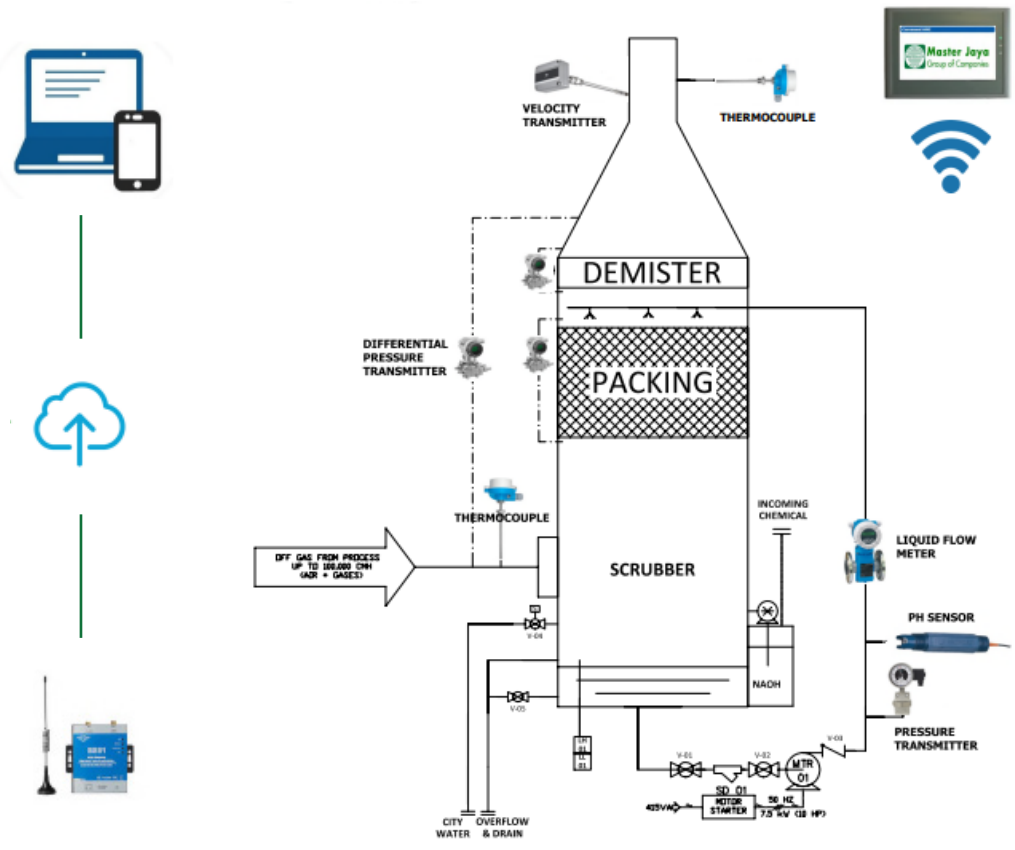
## Gas Scrubber

Used for gas absorption, cooling and recovery, our gas scrubbers can be utilised for a broad range of applications in various industries.

- Scrub at high levels of efficiency without consuming excess power.
- Designed to remove common gas contaminants at up to 99% efficiency with low pressure losses (2" of water or less).

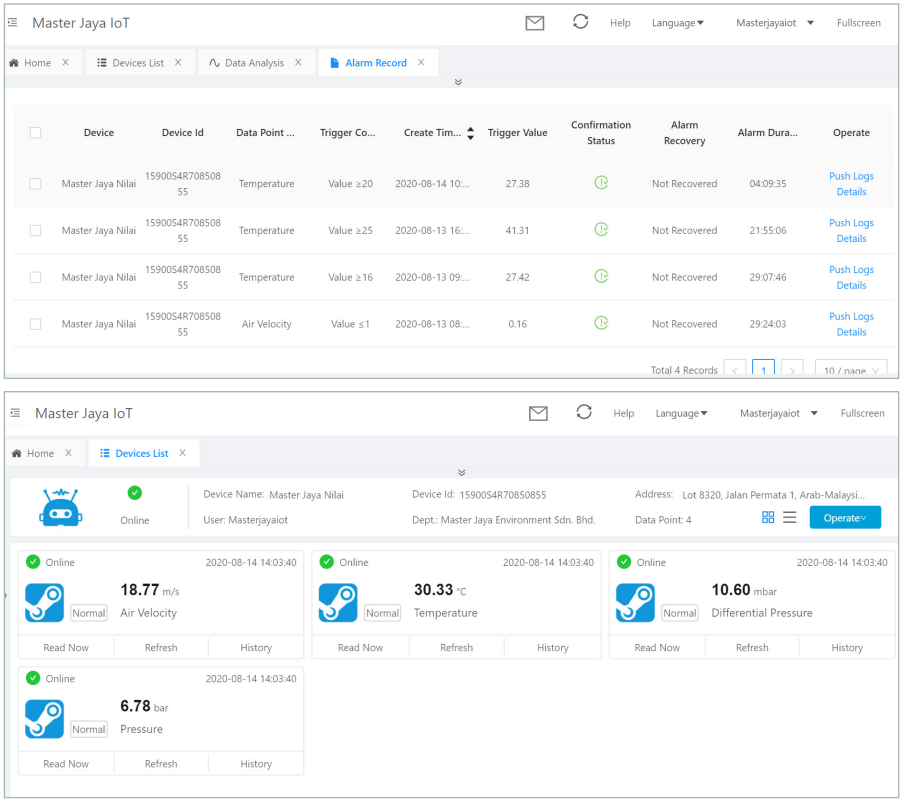
## Monitoring System Components (Gas Scrubber)

*Seamless Monitoring, Recording & Troubleshooting*

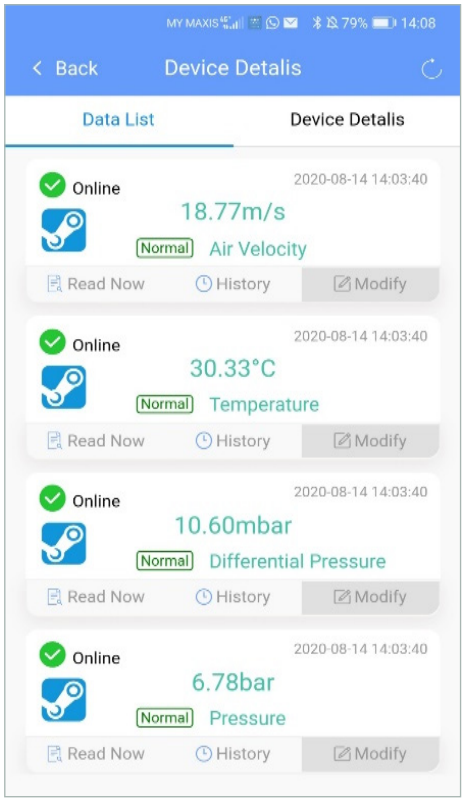


# MASTER JAYA Monitoring System Web Portal & Mobile Apps

*Digital Platform for Facilities Management*




Desktop View




Mobile View

*Reach out to us to discover more about our online performance monitoring system for bag filter dust collectors and gas scrubbers.*

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