



MARTIN
Technologies Private Limited

SECOLAB™ DRY FGT SYSTEM



PROVEN SOLUTION FOR WtE EMISSION CONTROL

MARTIN Technologies Private Limited supplies Flue Gas Treatment (FGT) solutions under proprietary technology from LAB S.A., subsidiary of MARTIN group. For over 60 years, LAB S.A. has been designing and installing FGT system for waste-to-energy applications. With more than 450 installations worldwide, our solutions are proven to deliver reliable performance in countries with the most stringent emission regulations.

SECOLAB™ DRY FGT SYSTEM

Complete SecoLAB™ dry FGT system consists of conditioning tower, LABLOOP™ reactor, multi-cell bag filter, reagent and residue handling. Developed & patented by LAB in Europe and industrialized in Asia by MARTIN Technologies Private Limited.

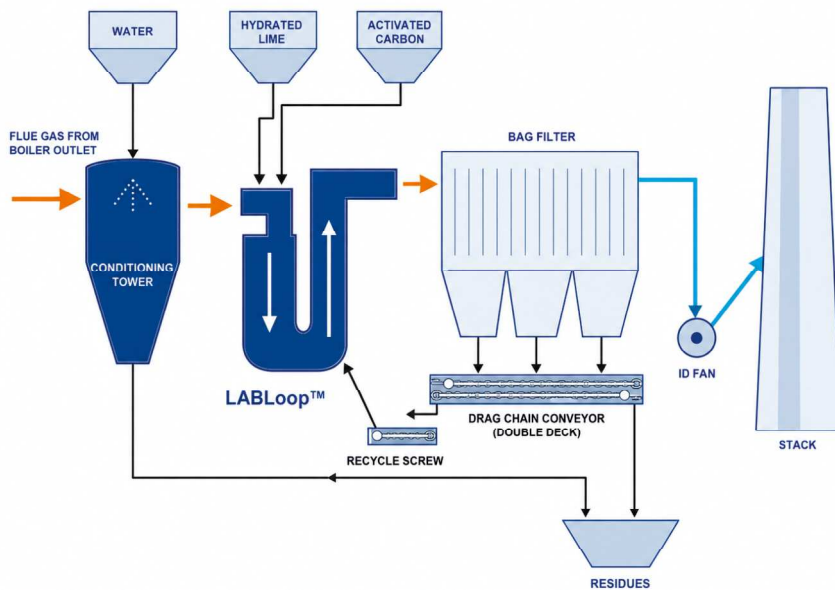
A proven technology from **Lab**





SecoLAB™ Dry

Process schematic



KEY FEATURES

- Compliant with EU / Thailand / Vietnam / Philippines / SWM 2016 / other international emission standards
- Conditioning tower holds gas at 140 °C to 150 °C for optimum reagent consumption
- Patented LABLOOP™ dry reactor for efficient mixing of reagents and pollutants
- Residue and unreacted lime recirculated to reduce reagent consumption
- Raw gas analyser at the inlet of FGT system to ensure stable emission at Stack
- Multi-cell bag filter: online maintenance by cell isolation

LABLOOP™

THE HEART OF THE SECOLAB™ PROCESS

- Static reactor. No moving parts.
- Improved acid-gas removal efficiency
- Reduced hydrated lime consumption
- Compact and efficient dry FGT technology
- Re-use of unreacted lime from bag filter residues
- Reduced fresh reagent requirement
- Low operating and maintenance requirements
- Special patented shape to ensure perfect mixing and low pressure drop

