

THEMOELECTRIC GASEOUS ATTACHMENT MODEL NO SL -EE -033, MAKE - LABTEK, ORIGIN - INDIA



Introduction

In High Volume Sampler / Reparable Dust Sampler provision has been made for simultaneous sampling gaseous pollutants. Here the air is passed through suitable reagents that would absorb specific gases where gaseous pollutant like SO₂, NO_x, CL₂, H₂S, CS₂, NH₃ etc. are analyzed subsequently by simple wet chemistry method to determine the concentration of specific pollutant. During Gaseous sampling it often happens that ice does not last for full sampling period due to high ambient temperature. As a result temperature of chemical reagents increases and it reduces absorption efficiency of gaseous pollutant. During high temperature even chemical reagents taken for absorption evaporates with time. Thermoelectric Attachment has been designed to take care of such problems. It is provided with non wearing thermoelectrics / peltier system.