

# DIRECT VELOCITY MONITOR - DVM

## Introduction

DVM is latest instrument for Stack Velocity Monitoring. It is useful for cement plants, power plants, AC Duct Monitoring, etc. Our offered DVM is rigorously tested on diverse parameters to guarantee its superior performance. It is supplied with Pitot tube and Thermocouple which are connected to the instrument and used for the measurement of temperature and Differential Pressure. It utilizes microcontroller based display system to show calculated velocity and flowrate.

## Display Parameters

DVM displays following parameters on LCD display:

1. **Differential Pressure** denoted with **P** (Range: 1000 mmH<sub>2</sub>O)
2. **Temperature** denoted with **T** (Range: upto 600 °C)
3. **Calculated Velocity** denoted with **V** and Unit is **m/sec**.
4. Respective **Flow rates** for 1/8, 1/4 and 1/8 inch Nozzles Denoted with **Q** and Unit **Litre per Minute (LPM)**.
5. Respective **Sampling time** for 1/8, 1/4 and 1/8 inch Nozzles Denoted with **T** and Unit **Minutes**.

