



INTRODUCTION

The pneumatic massecuite thickness controller developed by us is an innovative design, which offers many advantages over the conventional design currently available in the market. The system designed by us is unique sturdy design following the simple principle of mechanical displacement when it touches the rotating massecuite level. The system is pneumatically operated so that there is very less wear and tear as well as electrical hazards. The level adjustment is on the topside of monitor casing only, so that it can be adjusted when machine is running.



Features:

- Compact and very sturdy design.
- Very positive sensing.
- Self lubricating PTFE bush gives less maintenance.
- No electrical hazards.
- Sturdy sensing arm does not get damaged by any massecuite condition.
- Broad sensor can easily sense any type of massecuite.
- Level adjustment is from top.
- Broad sensor requires very less pushing force, hence fast sensing.

Comparative statement between

Energytech engineers	Other manufacturers
1. Working on the mechanical displacement principle	1. Working on the mechanical displacement principle
2. Actuated by pneumatic cylinder	2. Actuated by electrical coil
3. More life at high temperature	3. Electrical coils fail to withstand at high working temperature
4. Level adjustment is on top side.	4. Level adjustment is on bottom side
5. No lubrication is required.	5. Require lubrication.
6. Sturdy sensing element. 5mm thick.	6. Sensing element 3mm thick

