

Muffle Furnace

Purpose

For determination of residual solids in water

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| General Features | <ul style="list-style-type: none">• Outer body should be made of thick Mild Steel• Furnace should be lagged with ceramic wool and hysil blocks for insulation• Heaters should be made of 80/20 Nichrome wire, uniformly wound on the muffle• A safety thermal fuse should be provided to fuse of when the temperature exceeds the set temperature• Mild steel control box should be fitted on the right side of the furnace• It should be consists of indicating lamps, On/Off switch, contactor and digital temperature controller along with Cr/Al thermocouple sensor |
| Chamber Size | <ul style="list-style-type: none">• 5" x 5" x 10" (HWD) |
| Temperature sensor | <ul style="list-style-type: none">• Probe with digital display and calibrated from NABL Accredited Laboratory |
| Maximum Temperature | <ul style="list-style-type: none">• 950°C |
| Working Temperature | <ul style="list-style-type: none">• 930°C |
| Type Of Control | <ul style="list-style-type: none">• Digital Temperature Controller |
| Input Power | <ul style="list-style-type: none">• 2. to 2.5 kW |
| Input Supply | <ul style="list-style-type: none">• 220 VAC \pm10%, 47 to 53 Hz |