



**PT- 415
VACUUM OVEN**

Cat. No.	Item's Description	Rate
PT-415	<p>VACUUM OVEN A highly versatile, compact oven with a large useful working area, it can be operated at atmospheric or reduced pressure by using reduced pressure, the oven enables heat sensitive materials to be dried at low temperature. Alternatively, more stable samples may be dried more rapidly at higher temperature, without fan circulation. This oven is also particularly useful for controlled atmosphere heating (e.g. curing of resins under nitrogen or reduced oxygen conditions) since the inner chamber is sealed. It may also be suitable for solvent removal work providing that adequate exhaust & ventilation are provided for the oven & room respectively.</p> <p>CONSTRUCTIONS the external case is tough stoved epoxy based powder coated steel, to with stand the most demanding working conditions. The vacuum chamber is made of thick jointless 304 grade stainless steel sheet provided with one shelf, which carries a mercury in glass thermometer which can be viewed through the 150 mm wide window by large area heaters strapped to its outer surface. Glass fiber insulation maintains safe, low outer case temperatures. The chamber is closed by a 6mm thick toughened glass plate sealing on to a Silicon rubber gasket. The door closures are screw threaded catches which ensure an excellent vacuum tight sealing.</p> <p>VACUUM CONTROLS : Reliable inlet & exhaust valve is fitted. These are situated near the front corner of the oven for convenient connection to a vacuum pump, Vapour trap or exhaust. A vacuum gauge is fitted showing vacuum pulled from 0 to 760mm.</p> <p>TEMPERATURE CONTROL : Oven temperature is controlled by digital temperature controlled cum indigator from ambient to 250°C with in $\pm 1^\circ\text{C}$</p> <p style="text-align: center;">SIZE</p>	
PT- 415/10	<p>VACUUM OVEN provided with electronic digital temperature controller cum indicator</p> <p><i>Size 300 x 300 mm</i></p>	58950-00 each
PT- 415/20	<p>VACUUM OVEN provided with 304 grades Stainless Steel outer body & with P. I. D. Controller.</p> <p><i>Size 300 x 300 mm</i></p>	72950-00 each