

ORBITAL SHAKING INCUBATOR REFRIGERATED



KEY FEATURES

Construction and Chamber Design:

- Double-walled insulated chamber with stainless steel inner chamber (SS 304/316).
- Outer body made of powder-coated steel for corrosion resistance.

Uniform Orbital Shaking Motion:

- Orbital motion ensures efficient mixing and uniform aeration of samples.
- Variable speed control, generally 20–300 RPM

Refrigerated Cooling System:

- High-efficiency CFC-free refrigeration system for maintaining low temperatures.

Shaking Platform:

- Removable and interchangeable platform with adjustable spring clamps or flask holders.
- Compatible with flasks of various capacities (e.g., 50 ml to 1000 ml).

Safety Features:

- Over-temperature protection and door interlock system.
- Automatic cutoff for motor overload or imbalance.

TECHNICAL MATRIX

Model No	PTE 410 A	PTE-410 B	PTE -410 C
Universal Platform	9 flask of 250/500 ml	16 flask of 250/500 ml	24 flask of 250/500 ml
Dimension	18"x18"x24"	22"x22"x24"	26"x26"x26"
Platform size	14"x14"	18"x18"	22"x22"
Digital RPM Meter	Yes		
Display	LED/LCD/ HMI PLC		
Temperature Resolution	0.1°C		
Temperature Range	5°C to 60°C		
Temperature Controller	Micro Processor Based PID Temperature Controller		
Temperature Accuracy	+/- 1°C		
Temperature Sensor	PT-100		
Safety Thermostat	Yes		
RPM	50 to 250		
Shelves	01 shelve for keeping petridishes		
Power Consumption			
Nominal Power	1150 W		
Nominal Voltage	220-230 Volts		
Frequency	50 Hz Single phase		