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Incubator

Shaking/Refrigid/Classic

PIT053RS / PIT053R / PIT053

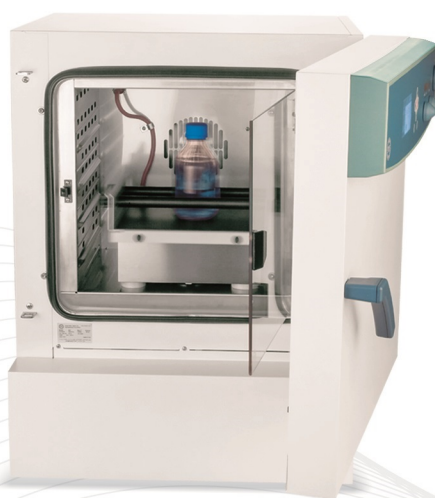
P.I.T. Incubators



**Quality
Precision
Satisfaction**
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Classic & Refrigerated Incubator



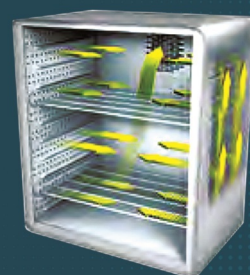
Shaking Incubator

Incubator	Classic	Refrigerated	Shaking
Model	PIT053	PIT053R	PIT053RS
GS1	6265738000478	6265738000454	6265738001048
Voltage (V)	210 - 230 v		
Frequency (HZ)	50 Hz		
Power (W)	450 W	650 W	400 W
Temperature range (°C)	Ambient temperature to 100°C	5- to 100°C	(without Shaker) -5 to 100°C (with shaker)+4+50°C
Capacity (L)	53 L		(without Shaker)53L
Inner dimensions (mm)	400 × 400 × 330		
Outer dimensions (mm)	836 × 635 × 646		
Weight (approx.) (kg)	52	72	72
Temperature fluctuation (°C)	± 0.1		

Inner chamber
(made from stainless steel)



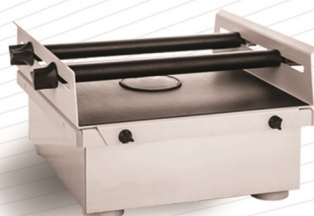
Circulation
homogenizing the temperature in the inner chamber



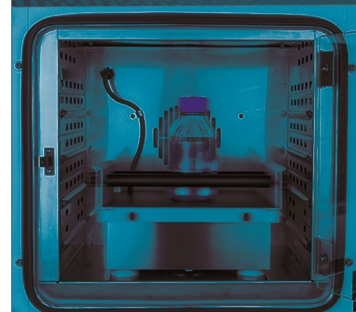
Shaker Technical Data

Motion type	Orbital or linear (on request)
Motion range of tray (mm)	10
Max. loading capacity (kg)	3
Input / output power (W)	10 -45
Speed range (rpm)	20 -220
Timer	0-99:59'/ ∞
Timer display (on Incubator panel)	Digital
Function type	Time limited or unlimited time
Outer dimensions with tray (mm)	180 × 318 × 345
Weight (approx.) (kg)	8

Shaker



Shaking Incubator





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Incubators P.I.T. Shaking/ Refrigerated/ Classic

Function

- Week and day programs
- Time – temperature graph
- With inner glass door to keep the temperature constant when observing the Shaker and the incubation process
- Microprocessor controller for precise temperature control
- Adjustable circulation fan speed for homogenizing the temperature in the inner chamber
- Double insulation system in order to reduce heat transfer and increase efficiency
- Possibility of connecting to printer & computer (on request)
- Programming with set-point ramp

Design

- Inner chamber made from stainless steel
- With 2 stainless steel trays and adjustable distance
- Easy application with beautiful design (large LCD display)

Safety

- With safety controller mode to prevent the unwanted temperature increase and losing samples
- Features mechanical mechanisms to maintain the balance in case of asymmetric loading
- Internal electric socket (on request)

Refrigerator in & Refrigerated Shaking Incubator (PIT053R / PIT53RS)

- Cooling system with Non-Cut mechanism

Shaker in Shaking Incubator

- Noiseless rotation system
- Safety of the sensitive parts against possible pouring of the fluids being tested
- Balanced while running, due to the low center of gravity
- Erlenmeyer flask holder and friction sheet for sample containers
- Orbital or linear motion type for blending liquids (on request)
- Usable with and without the Shaker