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Find the *Fisher Scientific 525D* at our website: *Click HERE*

Fisher Isotemp Economy Lab Incubators



Electronic control with safety backup These economical incubators provide dependable, trouble-free heating for many light-duty laboratory assignments.

- Perfect for biology classrooms or as a backup for overloads in microbiology labs
- Controls are located at top of chamber within easy reach, even if unit is on the floor
- Internal electrical receptacle (5A at 120V) allows you to use a shaker or stirrer inside of the chamber

Includes:

- Small (2.5 cu. ft.) and medium (3.75 cu. ft.) incubators each come with one chrome-plated steel, no-tip wire shelf
- Large (5.0 cu. ft.) incubator comes with two shelves
- Mounting holes at 2 in. (5cm) intervals on chamber walls let you place shelves where you need them; small incubator holds up to five shelves, medium incubator holds eight, large incubator holds 11 shelves
- All three models come with clips for front edge of shelf to hold a thermometer

Simple heating controls

- Turn on power switch and set temperature dial for any temperature between 30° and 75°C; major dial divisions are at 5°C intervals
- Electronic controller is factory calibrated
- Built-in backup controller will maintain temperature at 3°C above setpoint temperature if primary controller should fail

Easy-to-see illuminated status indicators

- Green POWER indicator shows power is on
- Red HEAT indicator cycles on and off to notify when incubator heaters are operating
- When lit, yellow ALARM light means incubator is operating under backup control

Gravity flow convection

- Air inlet port supplies air to plenum below chamber
- As air is heated, it generates convection that causes air to circulate gently

throughout chamber in a vertical pattern.

- Used air is expelled through an exhaust port at the back of the incubator

Many convenient, easy-care features

- Incubator cabinet has durable enamel-coated steel exterior
- Extruded aluminum trim has an acrylic powder coating
- Chamber is easy-to-clean stainless steel
- Low-watt-density heater elements are designed for long life
- Tempered glass door opens to 180° for unhindered access
- Wire frame shelves of chrome-plated steel are 173/8 in. wide and 163/4 in. front-to-back (44 x 42.5cm)
- Black synthetic rubber feet keep incubator from slipping and maintain a space between incubator and benchtop for ventilation
- To maximize valuable lab space, incubators can be easily stacked

Model	Small	Medium	Large
Capacity (Chamber Volume)	2.5 cu. ft. (70.8L)	3.75 cu. ft. (106.2L)	5.0 cu. ft. (141.6L)
Temperature Range	30° to 75°C (86° to 167°F)	30° to 75°C (86° to 167°F)	30° to 75°C (86° to 167°F)
Average Uniformity[1]	±1°C at 37°C	±1°C at 37°C	±1°C at 37°C
Resolution	0.5°C	0.5°C	0.5°C
Control Sensitivity	±0.1°C	±0.1°C	±0.1°C
Recovery[2]	1 min.	1 min.	3.5 min.
Air Changes per Hour	6	4	3
BTU per Hour [75 C]	290	358	427
Exterior L x W x H[3]	233/4 x 253/4 x 263/4 in. (60.3 x 65.4 x 68cm)	233/4 x 253/4 x 331/16 in. (60.3 x 65.4 x 84cm)	233/4 x 253/4 x 391/2 in. (60.3 x 65.4 x 100.3cm)
Interior D x W x H	18 x 18 x 131/2 in. (45.7 x 45.7 x 34.3cm)	18 x 18 x 20 in. (45.7 x 45.7 x 51cm)	18 x 18 x 261/2 in. (45.7 x 45.7 x 67.3cm)
Shipping Weight	85 lb. (39kg)	98 lb. (44kg)	122 lb. (55kg)
Electrical Requirements[4]	120V 60Hz, 260w, 2.2A	120V 60Hz, 260w, 2.2A	120V 60Hz, 320w, 2.7A
Cat. No.	11-690-525D	11-690-537D	11-690-550D

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