



ML-500



ML-630



ML-1050

## Applications

- Designed for daily use in research, clinical, industrial laboratories and research applications. Ideal for storing non-critical products such as reagents, media, food samples and proteins.
- Maintained consistent temperature in order to minimize the risk of bacterial contamination and explosions of volatile materials.

## Features

- Microprocessor control and Digital display, ensuring internal temperature in the range of 2°C to 8°C
- Digital controller for temperature uniformity and fluctuation of less than 0.5°C
- Back-up memory system protects the preset temperature value during power failure
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- High efficient compressor and CFC-FREE refrigerant for fast cooling effect
- Ergonomic design
- Automatic cycle defrost ensure temperature stable
- Body construction: Powder coated mild steel
- Built-in circuit breaker
- Transparent large glass door with heater to remove condensation and easy viewing
- LED lighting for clear viewing of stored item
- Door switch to control air circulation to reduce temperature fluctuation during door opening
- Door lock for authorization purpose
- Supplied with adjustable shelves
- Mounted with locking-castor-wheels for easy mobility and location setting

## Specification

Model	ML-300	ML-500	ML-630	ML-1050
Capacity	300 litres	500 litres	630 litres	1050 litres
Cabinet construction	Powder coated mild steel			
Foam insulation	CFC-free polyurethane			
Temperature working range	2°C to 8°C			
Temp. setting & display	LED Digital display to 0.1°C			
Controls panel	Touch-pad icon based controls & display			
Temperature sensor	PTC (Reading based on internal chamber's sample temperature)			
Alarm system (Optional)	Audible and Visual alarms with battery back-up. With remote alarm contact			
Alarm conditions (Optional)	High & Low alarm , Door open, Power failure, Low Battery			
Air Circulation	Force air circulation fan. Special guided air flow system to max uniform temperature distribution			
Refrigeration compressor	Reciprocating Hermetic seal type			
Compressor power	1/5 HP	1/4 HP	1/4 HP	3/8 HP
Cooling capacity at 5°C (Btu/hr)	2064	2623	2623	4384
Refrigerant	R134a, CFC FREE			
Defrost	Automatic cycle defrost			
Indicating lamp	1 unit LED lamp			
Voltage	240VAC, 50Hz,			
Rated Load Amps	2.5A	3.5A	3.5A	5.9A
Epoxy coated Shelves	4 pcs	5 pcs	5 pcs	10 pcs
Door	Single glass door with heater			Double glass door with heater
Chamber dimension (mm)	465W x 643D x 1123H	515W x 640D x 1450H	683W x 640D x 1450H	1130W x 640D x 1450H
Overall dimension (mm)	685W x 820D x 1720H	640W x 820D x 2045H	805W x 820D x 2045H	1260W x 820D x 2045H
Weight	90 kg	140 kg	140 kg	165 kg

MAX CENTURY



ML-1330



ML-1600

## Applications

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## Features

- Microprocessor control and Digital display, ensuring internal temperature in the range of 2°C to 8°C
- Digital controller for temperature uniformity and fluctuation of less than 0.5°C
- Back-up memory system protects the preset temperature value during power failure
- Automatic diagnostic system identified and automatically adjust if controller error occurred
- Internal Offset function available for calibration purpose
- High efficient compressor and CFC-FREE refrigerant for fast cooling effect
- Ergonomic design
- Automatic cycle defrost ensure temperature stable
- Body construction: Powder coated mild steel
- Built-in circuit breaker
- Transparent large glass door with heater to remove condensation and easy viewing
- LED lighting for clear viewing of stored item
- Door switch to control air circulation to reduce temperature fluctuation during door opening
- Door lock for authorization purpose
- Supplied with adjustable shelves
- Mounted with locking-castor-wheels for easy mobility and location setting

## Specification

Model	ML-1330	ML-1600
Capacity	1330 litres	1600 litres
Cabinet construction	Powder coated mild steel	
Foam insulation	CFC-free polyurethane	
Temperature working range	2°C to 8°C	
Temp. setting & display	LED Digital display to 0.1°C	
Controls panel	Touch-pad icon based controls & display	
Temperature sensor	PTC (Reading based on internal chamber's sample temperature)	
Alarm system (Optional)	Audible and Visual alarms with battery back-up. With remote alarm contact	
Alarm conditions (Optional)	High & Low alarm , Door open, Power failure, Low Battery	
Air Circulation	Force air circulation fan. Special guided air flow system to max uniform temperature distribution	
Refrigeration compressor	Reciprocating Hermetic seal type	
Compressor power	3/8 HP	5/8 HP
Cooling capacity at 5°C (Btu/hr)	4384	6353
Refrigerant	R134a, CFC FREE	
Defrost	Automatic cycle defrost	
Indicating lamp	1 unit LED lamp	2 unit LED lamp
Voltage	240VAC, 50Hz	
Rated Load Amps	6.8A	7.3A
Epoxy coated Shelves	10 pcs	15 pcs
Door	Double glass door with heater	Triple glass door with heater
Chamber dimension (mm)	1438W x 640D x 1450H	1720W x 640D x 1450H
Overall dimension (mm)	1560W x 820D x 2045H	1875W x 820D x 2045H
Weight	185kg	270kg

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