

Bench Top incubators for protein crystallography

A simple, cost-effective bench top solution for crystal growth and temperature screening.

Key Features:

- Ultra -low vibration Peltier-based. No compressors, no CFCs. Energy-efficient
- Temperature range from 4.0°C to 70.0°C, with an accuracy $\pm 0.5^\circ\text{C}$.
- Choose between fully programmable or non- programmable controls.
- 27.5L, 55 L or new 100 L volumes
- Timer with alarm and Auto-Off
- Electronic calibration and power failure protection
- RS232 interface
- 12 month warranty, UL, CSA and CE listed



Plate Capacity (approx max):

	SBS	XRL/Linbro
27.5 L model	60	25
55.0 L model	140	58
100.0 L model	250	112

Timer: 600 / 602 /604 601 / 603/ 605

Range	99 hours	99 days
Readability	1 second	1 second



Ordering information:

MD5-600 = 27.5 L Non-Programmable

MD5-602 = 55.0 L Non-Programmable

MD5-604 = 100.0 L Non-Programmable

MD5-601 = 27.5 L Fully Programmable

MD5-603 = 55.0 L Fully Programmable

MD5-605 = 100.0 L Fully Programmable



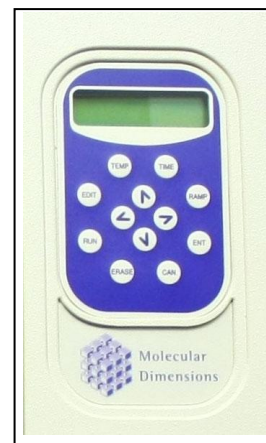
Technical Specifications:

Dimensions:

	600/601	602 / 603	604/605
Height, overall	15.5" (39.4 cm)	28.25" (71.75 cm)	28.25" (71.75 cm)
Width, overall	22.25" (56.5 cm)	22.25" (56.5 cm)	22.25" (56.5 cm)
Depth, overall	18.5" (47 cm)	18.5" (47 cm)	28.5" (72.4 cm)
Height, chamber	12" (30.5 cm)	24" (61 cm)	24" (61 cm)
Width, chamber	14" (35.6 cm)	14" (35.6 cm)	14" (35.6 cm)
Depth, chamber	10" (25.4 cm)	10" (25.4 cm)	10" (25.4 cm)

Net Weight:

27.5 L unit	= 16.3 kg
55.0 L unit	= 25.3 kg
100.0 L unit	= 28.0 kg



Electrical:

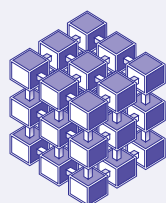
Heater/Chiller	Peltier, 100 watts, 150 watts for 100L unit
Power Consumption	230 watts, 270 watts for 100L unit
Electrical	95–265 VAC input to universal power supply. 12 VDC output supplied to the incubator.
Power Cord	Detachable, 3-wire, 2.1 meter

Stacking option:

Two units can be stacked on top of one another using a spacer. Product code = MD5-606

Temperature (all units):

Range	4.0° to 70.0°C (max cold is 16°C below ambient)
Readability	0.1°C
Accuracy	± 0.2°C
Stability	± 0.1°C
Sensor Type	Solid State IC
Controller Type	PID
Chamber Uniformity	± 0.5°C
Convection Fan	= Yes



Molecular
Dimensions

UK and international office

Molecular Dimensions Ltd.
Unit 6, Goodwin Business Park
Willie Snaith Road
Newmarket, Suffolk.
CB8 7SQ U.K.

Tel: +44 1638 561051
Fax: +44 1638 660674
www: moleculardimensions.com

Email: orders@moleculardimensions.com
enquiries@moleculardimensions.com

USA office (including Canada and South America)

Molecular Dimensions Inc.
849 Sunshine Lane,
Altamonte Springs,
Florida, 32714
USA

Tel: +1 877 479 4339 or +1 407 886 6901
Fax: +1 321 972-8896
www: moleculardimensions.com

Email: usorders@moleculardimensions.com