

LT ecocool™ range - Chiller technology designed with you in mind

- ECO-FRIENDLY** › Delivers energy savings of up to 80%
- ECONOMICAL** › Whole-life cost savings
- EASY TO USE** › Intuitive design and interface
- READY TO USE** › Assembled and supplied with standard tubing, insulation, clips and connectors
- ACTIVE COOLING** › From -25°C to 150°C
- MODERN DESIGN** › Sleek, cool, modern



4

year warranty



LT ecocool™ range - Cool redefined



Shown with Asynt reactor and DrySyn SnowStorm

Applications

Temperature control of external equipment including: rotary evaporators, spectrophotometers & refractometers. Circulation of temperature control fluid to jacketed vessels, cooling crystallisation vessels, temperature probe calibration, product testing, product QC, temperature control of external equipment.

LT ecocool™ features



- › Bright, full colour display QVGA TFT on 150 model
- › 5 languages on the 150 model (EN, FR, DE, IT, ES)
- › Chiller icon showing variable power use
- › Eco icon for energy efficient mode
- › 3 programmable temperature pre-sets

- › Single front switch for user convenience
- › No-spill valved front drain
- › Magnetic closure condenser cover, easily removed for cleaning



- › USB communication interface
- › External temperature probes available
- › Relay control in 150 Grant LT ecocool™ models
- › Thermostat and chiller work in harmony with data link
- › One power cable for user convenience

- › Unit can be assembled at 90° for alternative placement
- › No side vents, locate to suit user, not the unit



Accessories for LT ecocool™ and Optima™

Labwise™ control software

Makes set-up, programming, monitoring and data logging straightforward (150 only).



Vertical turbine pump

High pressure pumps up to 1650 mbar.



Additional Hose kits

-40-100°C and -50-200°C assembled with LT ecocool™/Optima™ pump outlet plate and hose clips.



Remote temperature probes

Plastic flexible temperature probe PT1000 (PEP) and stainless steel temperature probe (SEP).



Stainless steel and metal connectors,

Hose barb and super seal rapid, optional.



Specifications

		LT ecocool™ 100	LT ecocool™ 150
h: 640mm d: 430mm w: 245mm weight: 29kg			
Temperature range	°C	-20 to 100	-25 to 150
Temperature stability	°C	±0.05	±0.02
Typical cooling power at	20°C W	250	400
	0°C	185	200
	-20°C	40	60
Flow rate	L/min	17	14 - 22 (adjustable)
Pump pressure	mbar	250	530
Programs		-	1 x 30 segments (via Labwise™)
Display		4 digit LED	Full colour QVGA TFT
Languages		-	5 (EN, FR, DE, IT, ES)
Timer		1 min to 99 hrs 59 mins	
Communication / probe		-	USB / 6 pin mini DIN temperature probe socket
Alarms (audible & visual)		High	High and low
Safety		Adjustable over temperature cut-out	
Tank volume	L	5	6



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.