LT ecocool range - Chiller technology designed with you in mind							
ECO-FRIENDLY ECONOMICAL	 Delivers energy savings of up to 80% Whole-life cost savings 	year warranty					
EASY TO USE READY TO USE	 Intuitive design and interface Assembled and supplied with standard tubing, insulation, clips and connectors 	BUILT IN BRITAIN					
ACTIVE COOLING MODERN DESIGN	 From -25°C to 150°C Sleek, cool, modern 	and and					

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



* 2 power cables on 120V versions.

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.





New! LT ecocool Refrigerated / Heating Circulating Baths

Specifications

		LT ecocool 100	LT ecocool 150	
	h: 640mm d: 430mm w: 245mm weight: 29kg			
Temperature range	۵°	-20 to 100	-25 to 150	
Temperature stability	°C	±0.05	±0.02	
Typical cooling power at	20°C W	210	378	
	0°C	184	189	
	-10°C	100	84	
	-20°C	21	53	
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		4.5 - 6	5.5 - 6	

Grant Instruments retain the right to amend or change product information without prior notice.

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. Further product information:

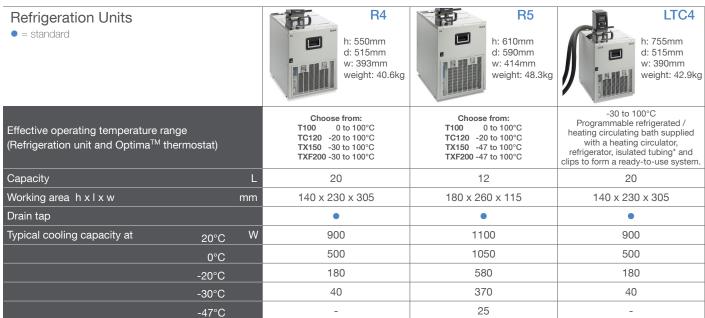
Call us: +44 (0) 1954 233 161

Email: sales@camlab.co.uk

Optima[™] refrigerated / heating circulating baths

POWERFUL	 Excellent cooling performance and quiet operation
RELIABLE	 Robust, premium materials and construction
SIMPLE	> Easy to set up, use and maintain, no-spill front drain
PRECISE	 Precise temperature control
CHOICE	→ Choose from 4 Optima™ thermostats





Temperature range of hosing supplied up to -40 to 100°C (can be cut to length as required)

Optima [™] thermostats	T100	TC120	TX150	TXF200
Integral Pump (flow rate / pump pressure)	-	16L min / 210 mbar	18L min / 310 mbar	22L min adjustable / 530 mbar
Programs / temperature pre-sets	- / 3	- / 3	1 x 30 (Labwise [™]) / 3	10 x 100 / 3
Display	4 digit LED		Full colour QVGA TFT	
Language	-		5 (EN, FR, DE, IT, ES)	

Applications

Clinical, Microbiology and Pathology labs - media tempering, thawing & incubating samples, University research - temperature control of spectrophotometers & refractometers and jacketed vessels, Industrial labs - temperature probe calibration, water analysis, QC testing product, petrochemical testing, material testing, milk sample testing.

Further product information:

Call us:

+ 44 (0) 1954 233 161

Email: sales@camlab.co.uk



BUILT IN BRITAIN