

## Asynt Digitally controlled Refrigerated Bath and Re-circulator

The Asynt digitally controlled refrigerated bath and re-circulator provides outstanding performance for routine and sophisticated applications requiring accurate temperature control in the range of  $-20$  to  $100^{\circ}\text{C}$ .

It's immersion thermostat incorporates Intelligent Control Optimisation™ (ICO) for adaptive intelligent PID temperature control and includes a powerful integral pump, making it suitable both for immersing samples and circulating temperature controlled fluid to external devices. The temperature range and heater power are automatically limited according to the liquid type selected.

The ADS-GR150 control unit has a host of powerful and convenient programming features for optimum application flexibility. These include a convenient heater timer for early starts/late shutdowns, **a programmable relay** for switching external devices on/off, option for remote temperature monitoring, **RS232 interface** for PC communication and data collection, and **memory capacity for one program** of up to 30 segments.



- Simple-to-use rotor plus two keys provide access to the interactive interface for fast, accurate set-up
- Dual display: bright LED for temperature display plus 2-line 16 character LCD for easy programming
- Twin heaters, 2kW heater power for fast heat up
- Pt1000 external probe socket for remote monitoring
- Powerful integral pump, maximum flow 17L/min
- Operating setpoint plus 3 adjustable preset temperatures for convenience
- User calibration facility for optimum accuracy at the required operating temperature
- Variable high and low temperature alarm settings - configurable to switch a relay
- Visual and audible alarm - alert you when your attention is required
- Choice of five refrigerated (R) tanks with different facilities, working volumes and cooling capacities

### Ordering Information: ADS-GR150R2

Designed to take DrySyn COOL and Multi COOL down to  $-20^{\circ}\text{C}$  with insulation

#### Asynt Ltd

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Technical Data	
Temperature range, ambient 20°C	-20°C to 100°C
Pump	
max. pressure (mbar)	270
max. flow (L/min)	17
Cooling power	
@ 20°C (W)	250
@ 0°C (W)	140
Tank capacity (L)	5
Drain	yes

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