Labwise™ control and analysis software for the laboratory

Labwise™ is a powerful and convenient software package for programming, controlling and recording key parameters of high performance baths and circulators in the Grant Optima™ range via a PC.

- **Full control of set-up, multi-segment programming and data logging for heating and cooling**
- **Real-time status windows with graphic display including zooming and scaling**
- **Operates in combination with Grant Optima™ TX150, TXF200 and LT ecocool™ series baths and circulators**
- **Enables easy control of relays and remote switching devices, including multiple segments**

Labwise™ set-up features

- set temperature
- set high and low alarms; alarms can be configured to switch a relay
- set reaction timer
- set delayed start and stop time
- control of output relays for refrigeration on/off control and operating ancillary equipment
- control of pump speed for TXF200

Labwise™ programming features

- set cool or heat time to target
- program values may be set graphically or numerically
- up to 100 segments per program (TXF200)
- set number of loops, 1 to 254 or infinite looping between selected way points
- programmed control of output relays for each segment, for operating ancillary equipment
- control of pump speed for TXF200

Labwise™ display and logging features

- display of temperature/time profile on screen in real time
- real time zoom and scaling of graphical display
- logging of temperature profiles to disk for storage and subsequent analysis
- store programs to disk

Remote switching device

When used in combination with a remote switching device (RSD), the TX150 and TXF200 heated circulator can control, by switching on and off, any mains powered appliance (up to a maximum of 8 Amps).

This function can be programmed with Labwise™ software or alternatively directly on the TXF200 heated circulator.