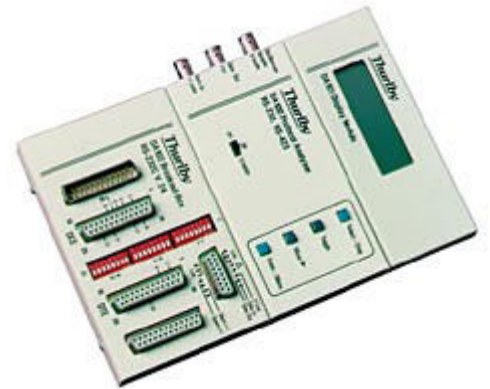


DA100 - Serial Analyser System

- ▶ Suitable for RS-232 and RS-423 systems
- ▶ Auto finding of baud rate and word format
- ▶ Analysis of error rates and baud accuracy
- ▶ Monitoring in ASCII or Hex, triggered capture
- ▶ Test data generation with handshake
- ▶ Data display via Oscilloscope
- ▶ Optional LCD display module (DA101)
- ▶ Optional RS232 breakout box (DA102)



The Thurlby DA100 is a very low cost analyser for use on asynchronous serial data communications systems, particularly RS-232. Its diagnostic capabilities can assist in solving many of the common problems that occur when working with such systems.

The DA100 provides baud rate analysis, data word format analysis, data monitoring (ASCII or Hex), triggered data capturing, and test data generation.

It connects to any standard oscilloscope via a single cable and displays 32 characters of alphanumeric text. Alternatively the optional DA101 LCD display unit can be fitted which allows the analyser to be used independently of an oscilloscope.

The Thurlby DA100 is the ideal diagnostic tool for solving problems with asynchronous serial data systems such as RS-232. In addition to being able to analyse transmission formats and to monitor data, it can also be used to generate test data for checking the operation of printers, terminals etc. when no transmitting device is available or when the operation of the transmitting device is suspect.

The optional DA102 RS-232C breakout box provides full breaking and patching of 25 lines, data monitoring of the transmit and receive lines via the DA100, and level monitoring of the eleven most commonly used other lines. The very low cost of the basic DA100 makes it cost-effective for people who have only an occasional need for such analysis, while the optional LCD display unit and RS-232 breakout box are capable of transforming it into a complete hand-held analysis system.