

## SURVEY ENCOUNTER

The intelligent moisture meter

**The world's most advanced meter for measuring moisture in wood, dry-wall, plaster, brick, roofing, siding and other construction materials**



**Worldwide Patents Pending**

We have been producing first class moisture meters since 1980.

The Survey Encounter incorporates the latest PIC microcontroller to make your job as inspector, surveyor, engineer or architect much more efficient.

### **The Survey Encounter gives you:-**

- 1 Non-destructive readings
- 1 Stores up to 625 readings in 25 files
- 1 Accurate moisture readings from 5 to 30% in wood
- 1 Relative readings in walls, roofing and many other construction materials.
- 1 Automatic correction for density and temperature
- 1 Library of 32 wood species plus 3 wall and 3 roofing types
- 1 Dot Matrix LCD display

### **The Survey Encounter comes complete with customised software and PC interface so you can :-**

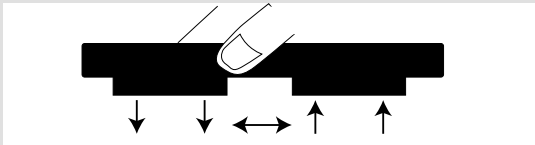
- 1 Download recorded readings to your PC.
- 1 Transfer stored data to your word-processing or spreadsheet program for analysis or incorporation in your report writing.
- 1 Edit any of the 32 wood species in the instrument library from 300 species in the

# SURVEY ENCOUNTER

## The intelligent moisture meter

### How it Works

- 1 The Survey Encounter operates on the principle of electrical impedance measurement to give accurate non-destructive moisture readings in wood, wall and roof materials.
- 1 The Survey Encounter is fitted with a powerful microcontroller, a real time clock, a temperature sensor and high capacity non-volatile memory chip which retains its data. By using the conductive rubber electrodes mounted on the base of the instrument a low frequency signal is transmitted into the material being tested to measure the electrical impedance.

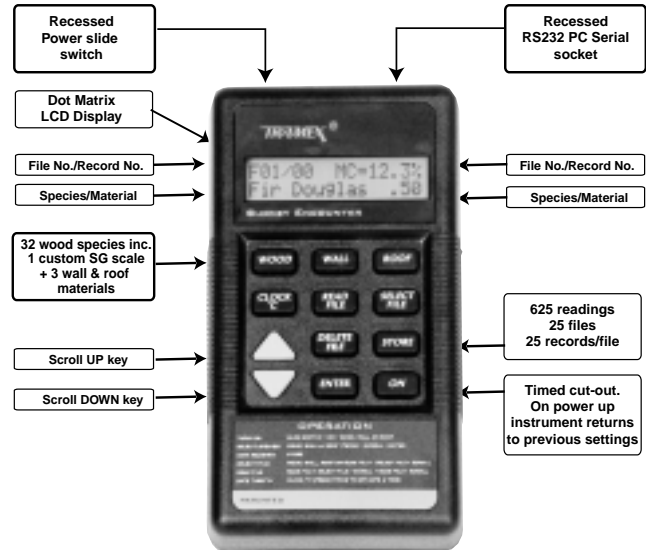


*Signals are transmitted into the material being tested.*

- 1 The Survey Encounter processes this information together with the temperature, specific gravity (SG) contained in the instruments library and accurately calculates the moisture content.

### Technical Data

1. Measuring method: Non-destructive signal (impedance)
2. Frequency: 125 kHz.
3. Electrodes: Non-invasive capacitive co-planer conductive rubber
4. Software: Supplied on CD
5. Storage: 625 readings can be stored in 25 files (25 readings per file)
6. Dimensions: 150 x 80 x 35 mm. (6" x 3.2" x 1.4")
8. Weight: 280 grams (0.6 lbs.).  
Shipping Weight: 580 grams (1.2 lbs.)



### Storage of Readings

- 1 By pressing the STORE button, readings can be stored in the non-volatile memory.
- 1 Stored data includes the following:-  
File number, reading number, temperature, date and time, type of material i.e. wood species (Specific gravity) and moisture content.
- 1 The stored data can either be read directly from the instruments LCD display or downloaded to a PC where notes can be added and reports prepared.

### Software

The Survey Encounter comes complete with software compatible with Windows 3.1x, 95, 98 and NT supplied on CD together with 1.5 Metre (4.8 ft) RS232 interface cable. Up to 625 readings can be transferred from the Survey Encounter to PC spreadsheet or word-processing program. An additional library of 300 species of wood can be accessed through the software provided.

### Distributor

FOR MORE INFORMATION ON ABOVE OR ANY OF THE OUR RANGE OF MOISTURE MEASUREMENT AND DETECTION INSTRUMENTS PLEASE CALL, FAX OR WRITE TO: