GeotechTronics PTY LTD

ALF 50

DUAL CBR-MARSHALL TEST

General Features:

- 50 kN Load frame capable to do:
  - CBR test
  - Marshall test
- High-precision disc load cell
- Dual digital dial gauge
  - 12.5 mm travel at 0.01 mm precision
  - 25 mm travel at 0.001 mm precision
  - 50 mm travel at 0.001 mm precision
- Variable axial displacement rate:
  - 0.00 ~ 50.00 mm/min
- Touch screen LCD to enter test details
- Selectable tests on the screen:
  - CBR
  - Marshall
- Real-time table/graph of data on the display
- Export test data to Excel using USB port at the front of equipment

Accessories

GEO-ATC	Temperature controll add-on
A-MF04	Marshall fixture for 4-inch samples
A-MF06	Marshall fixture for 6-inch samples
S-CM01	CBR mould
T-DLC50	50 kN disc load cell
T-DDG-12D	12.5 mm digital dial gauge 0.01 precision
T-DDG-25D	25 mm digital dial gauge 0.001 precision
T-DDG-50D	50 mm digital dial gauge 0.001 precision

ALF 50 loading frame is suitable for doing both CBR and Marshall tests with an equipped 50 kN loading frame and a comprehensive variable speed from 0.00 mm/min to 50.00 mm/min. The system has a touchscreen LCD to select the type of test and enter test details.

ALF 50 also has an external digital adjusting unit that can start/stop the test and move the load platen at high speed upward and downward. These functions can also be done from the touchscreen display too.

ALF 50 has been equipped with two digital dial gauges to increase the accuracy of the readings. All data are presented in in realtime in a table (CBR test) or a graph (Marshall test) and recorded automatically on the internal memory of the equipment. On the completion of the test, recorded data can be exported to an external memory disc using USB port in front of the load frame.