

## 4. OPERATING CHARACTERISTICS

NOTE : Locate the voltage selector of the instrument in accordance with the power source prior to press the power switch to the ON position.

### 4-1. FREQUENCY MEASUREMENT PROCEDURE

Perform frequency measurements as follows :

- 1) Press the power switch to the ON position.
- 2) Set the Channel selector to the desired Channel prior to press the frequency switch.
- 3) Select the desired gate time.
- 4) Connect the input signal to the front-panel BNC connector.
- 5) Set ATTN. To desired position. If input signal level is greater than 300mV, depressing the ATTN. switch will decrease the triggering sensitivity of the input signal by 20 and reduce errors.
- 6) Read the frequency on display and observe the unit of measurement indication to the right of the display.

### 4-2. PERIOD MEASUREMENT PROCEDURE

Perform period measurements as follows :

- 1) Press the power switch to the ON position.
- 2) Set the channel selector to the desired channel prior to press the PERIOD switch to select the period mode of operation.
- 3) Connect the input signal to the front-panel BNC connector.
- 4) Read the period time on display and observe the unit of measurement indication to the right of the display.

### 4-3. TOTALIZE MEASUREMENT PROCEDURE

Perform totalize measurements as follows :

- 1) Press the POWER switch to the ON position.
- 2) Press the TOTAL switch to select the totalize mode of operation and the RESET switch to initialize the counter and totalize can be operated at CH A lower than 30MHz.
- 3) Connect the input signal to the front-panel BNC connector.
- 4) Set ATT. to disired position. If input signal level is greater than 300mV, depressing the ATT. switch will decrease the triggering sensitivity of the input signal by 20 and reduce errors.
- 5) Read the accumulated total on display after depressing the HOLD switch.