

Section IV

SPECIFICATIONS

FUNCTIONS

Frequency.	Period Average.
1.3 GHz Frequency	Totalize.
Prescaler. (1.3 GHz only)	Check (Self Test).
100 MHz Frequency	
Period.	

FEATURES

8 Digits, 0.56".	2-Position Attenuator.
Low Pass Filter.	Remote Stop-Start.
Display Hold.	

FREQUENCY CHARACTERISTICS

Rege:	5 Hz to 10 MHz sinewave, kHz mode.
Channel A:	5 Hz to 100 MHz sinewave, MHz mode.
Channel B: (1.3 GHz only) (PRESCALE)	80 MHz to 1.3 GHz (1300 MHz) sinewave.

Accuracy: $\pm$ Time base accuracy, $\pm$ 1 count.

Resolution: 0.1 Hz to 100 Hz, kHz mode.

Channel A: 1 Hz to 1000 Hz, MHz mode.

**Channel B:
(PRESCALE)
(1.3 GHz only)**

Display: Input signal frequency with decimal point positioned by GATE switch.
Units of measurement (kHz, MHz) indicated on front panel by LED indicators and selected by front panel switches.

Number of Digits Displayed See Tables 1 and 2.

SPECIFICATIONS

	Number Of Significant Digits Displayed							
Gate Time	10 SEC		1 SEC		0.1 SEC		0.01SEC	
Resolution	.1 Hz	1 Hz	1 Hz	10 Hz	10 Hz	100 Hz	100 Hz	1000 Hz
Function Typical Frequency	kHz	MHz	kHz	MHz	kHz	MHz	kHz	MHz
100 MHz	—	8*	—	8	—	7	—	6
10 MHz	8*	8	8	7	7	6	6	5
1 MHz	8	7	7	6	6	5	5	4
100 kHz	7	6	6	5	5	4	4	3
10 kHz	6	5	5	4	4	3	3	2
1 kHz	5	4	4	3	3	2	2	1
100 Hz	4	3	3	2	2	1	1	—
10 Hz	3	2	2	1	1	—	—	—
5 Hz	2	1	1	—	—	—	—	—

* = Overflow

**Table 1. Number of Significant Digits Displayed for Typical Frequencies
for Channel A Input and kHz or MHz Frequency Modes.**