


Specifications

6/30/2006

Items	3290	3290N	3201	3201N
Range	100kHz ~ 2.9GHz	100kHz ~ 2.9GHz	100kHz ~ 2GHz	100kHz ~ 2GHz
Resolution	Multiple of 5kHz, 6.25	3.1255kHz	Multiple of 5kHz, 6.25Hz	3.125kHz
Accuracy	TXO : ±3ppm Display : ±25ppm	TXO : ±3ppm Display : ±1.5ppm	TXO : ±3ppm Display : ±25ppm	TXO : ±3ppm Display : ±1.5ppm
Modulation Bandwidth		W-FM : 180kHz N- FM : 12.5kHz AM/SSB : 2.4kHz	W-FM : 180kHz N- FM : 12.5kHz AM/SSB : 2.4kHz	W-FM : 180kHz N- FM : 12.5kHz AM/SSB : 2.4kHz
Step Range	Multiple of 5kHz, 6.25Hz	AM/SSB : 2.5kHz Fixed FM : Multiple of 6.25kHz 6.25Hz	Multiple of 5kHz, 6.25Hz	AM/SSB : 2.5kHz Fixed FM : Multiple of 6.25kHz 6.25Hz
Span Range		AM/SSB : 400kHz Fixed FM : Multiple of 1MHz		AM/SSB : 400kHz Fixed FM : Multiple of 1MHz
Frequency Selection	Center, Step/ Start, Stop	Center, Step/ Start, Stop	Center, Step/ Start, Stop	Start, Stop, Center Span Setup
Measurement Range		-20dBm to -100dBm		-20dBm to -100dBm
Average Noise Level		-100dBm		-100dBm
Amplitude Units	dBm, dBmV, dBuV	dBm, dBmV, dBuV	dBm, dBmV, dBuV	dBm, dBmV, dBuV
Reference Level Accuracy	±3dB	±2dB	±3dB	±2dB
Reference Level Range		+20dBm to -70dBm		+20dBm to -70dBm
Log Scale	10dB/DIV	10dB/DIV	10dB/DIV	10dB/DIV
Internal Atten	10dB	10dB	10dB	10dB
Speed	125ch/sec	500 to 2000msec	125ch/sec	500 to 2000msec
Trigger Source	N-FM/ W-FM/ AM/ SSB	N-FM/ W-FM/ AM/ SSB	N-FM/ W-FM/ AM/ SSB	N-FM/ W-FM/ AM/ SSB
Trigger Mode	Single, Normal, Free Run, Free Single	Free Run, Single Run, Continuous Wave, Squelch Run	Single, Normal, Free Run, Free Single	Free Run, Single Run, Continuous Wave, Squelch Run
Trigger Level	TTL Level	TTL Level	TTL Level	TTL Level
Marker Modes	Marker	Marker, Delta Marker	Marker	Marker, Delta Marker

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Memory	Scan Mode	Manual, CH. Memory, Search Scan	X	Manual, CH. Memory, Search Scan	X
	Hold modes	Delay run, Delay Hold, Delay Stop	X	Delay run, Delay Hold, Delay Stop	X
	Level Hold Mode	Max. Hold, Hold, 40ms, 100ms, 200ms peak hold	X	Max. Hold, Hold, 40ms, 100ms, 200ms peak hold	X
Display	Trace Storage	10	100 Waves	10	50 Waves
	Setup Storage	10	100 States	10	50 States
	Type	Mono STN LCD	Mono STN LCD	Mono STN LCD	Mono STN LCD
Input	Resolution	192*192	192*192	192*192	192*192
	LCD BackLight	ON/OFF/AUTO	ON/OFF/AUTO	ON/OFF/AUTO	ON/OFF/AUTO
	Mode	Spectrum, Multi Bar (5, 10, 20, 40, 80, 160) single Bar, Difference Frequency, Frequency Measurement Level	Spectrum, Multi Bar	Spectrum, Multi Bar (5, 10, 20, 40, 80, 160) single Bar, Difference Frequency, Frequency Measurement Level	Spectrum, Multi Bar
Frequency Counter	RF Input Connector	N Type Female, 50ohm	N Type Female, 50ohm	N Type Female, 50ohm	N Type Female, 50ohm
	Maximum Input Power	Max. 5V RMS	Max. +10dBm, 5V RMS	Max. 5V RMS	Max. +10dBm, 5V RMS
	Range	9MHz to 2.9GHz	9MHz to 2.9GHz	9MHz to 2GHz	9MHz to 2GHz
General Specification	Resolution	7 Digits	7 Digits	7 Digits	7 Digits
	Sampling Time	1sec	1sec	1sec	1sec
	Input Impedance	50ohm	50ohm	50ohm	50ohm
Power	Max. Input Voltage	Max. 5Vrms	Max. 5Vrms	Max. 5Vrms	Max. 5Vrms
	RF Input Connector	BNC type, 50ohm	BNC type, 50ohm	BNC type, 50ohm	BNC type, 50ohm
	Data Memory	10 data	10 data	10 data	10 data
Power	Operation Temperature	0 to 40 deg.	0 to 40 deg.	0 to 40 deg.	0 to 40 deg.
	Humidity	35RH to 85RH	35RH to 85RH	35RH to 85RH	35RH to 85RH
	Storage Temperature	-10 to 50 deg.	-10 to 50 deg.	-10 to 50 deg.	-10 to 50 deg.
Power	Power Source	AA type NiCd	AA type Ni-MH	AA type NiCd	AA type Ni-MH
	Power Adaptor	DC 16V	SMPS DC 12V	DC 16V	SMPS DC 12V

Items		3290	3290N	3201	3201N
Power	Auto Power	OFF/5/10/20/30Min	OFF/5/10/20/30Min	OFF/5/10/20/30Min	OFF/5/10/20/30Min
Dimension & Weight	Size	105(W)*220(H)* 45(D)	105(W)*220(H)* 45(D)	105(W)*220(H)* 45(D)	105(W)*220(H)* 45(D)
	Weight	700g	700g	700g	700g
Other	Speaker	○	○	○	○
	Antenna	○	○	○	○
	RS-232 Interface	○	○	○	○
	Mini Printer	○	○	○	○

※ The Grey Color  is for Specification Change