Specifications

6/30/2006

Items		3290	3290N	3201	3201N
Frequency	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
	Step Range	Multiple of 5kHz, 6.25Hz	AM/SSB : 2.5kHz Fixed FM : Multiple of 6.25kHz	Multiple of 5kHz, 6.25Hz	AM/SSB : 2.5kHz Fixed FM : Multiple of 6.25kHz
	Span Range		AM/SSB : 400kHz Fixed FM : Multiple of 1MHz		AM/SSB : 400kHz Fixed FM : Multiple of 1MHz
	Frequency Selection	Center, Step/ Start, Stop	Start, Stop, Center Span Setup	Center, Step/ Start, Stop	Start, Stop, Center Span Setup
Amplitude	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
Sweep	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, Continous Wave, Squelch Run	Single, Normal, Free Run, Free Single	Free Run, Single Run, Continous Wave, Squelch Run
	Trigger Level	TTL Level	TTL Level	TTL Level	TTL Level
	Marker Modes	Marker	Marker, Delta Marker	Marker	Marker, Delta Marker

Items		3290	3290N	3201	3201N
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
Memory	Trace Storage	10	100 Waves	10	50 Waves
	Setup Storage	10	100 States	10	50 States
Display	Type	Mono STN LCD	Mono STN LCD	Mono STN LCD	Mono STN LCD
	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
Input	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
Frequency Counter	Range	9MHz to 2.9GHz	9MHz to 2.9GHz	9MHz to 2GHz	9MHz to 2GHz
	Resolution	7 Digits	7 Digits	7 Digits	7 Digits
	Samping Time	1sec	1sec	1sec	1sec
	Input Impedance	50ohm	50ohm	50ohm	50ohm
	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
General Specification	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 Specfication Change