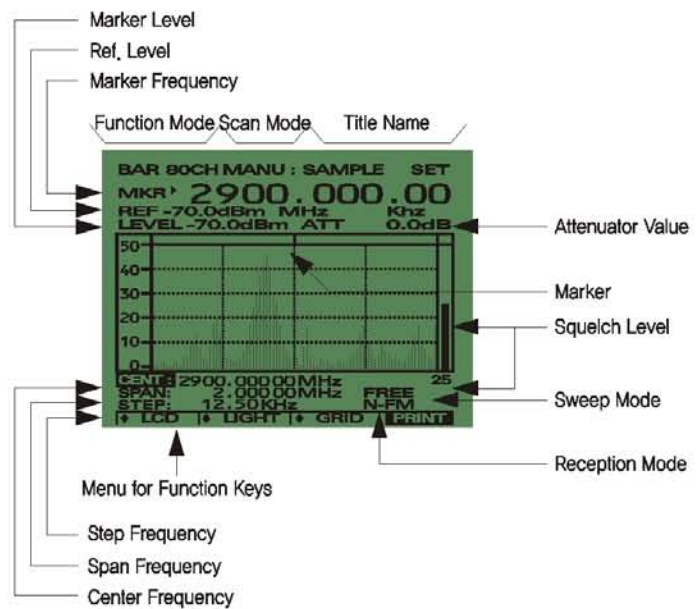


RF Field Strength Analyzer Protek 3290 / 3201

RF Field Strength Analyzer Protek 3290 (2.9GHz) / 3201 (2GHz)



■ Features

- 100kHz to 2,900MHz measurement range (3290 only)
- Measures and demodulates W-FM / N-FM / AM / SSB signals
- Measured level of 160 Channels can be displayed simultaneously on the LCD
- PLL tuning system for precise frequency tuning
- Built-in Frequency Counter and speaker
- LED Backlight LCD (192X192 dots)
- RS-232C for PC interface and printer (8 pin mini Din)
- Menu driven for various function
- 4 types of Sweep mode (Single, Normal, Free run, Free single)
- Up to 1,600 different frequency and name of channels can be saved, recalled and edited

■ Specifications

MODEL		3290	3201
Reception Frequency	Frequency Range	100kHz to 2.9GHz	100kHz to 2GHz
	Accuracy (TCXO)	±3PPM	
	Accuracy (Display)	±25PPM	
	Reception Mode	N-FM / W-FM / AM / SSB	
	Step Frequency	Multiples of 5kHz and 6,25kHz at 5kHz to 9995kHz	
	Channel Memory	10Bank X 160ch (1,600 Channels)	
	Data Memory	10Bank X 160ch (1,600 Channels)	
	Setup Memory	10Bank X 3 Scan mode	
	Scan speed	125 Ch/sec,max	12,5 Ch/sec,max
	Input Impedance	50Ω	
Max Input Voltage	Max 5Vrms		
Level Measurement	N-FM	<ul style="list-style-type: none"> · Range : -10 to 40dBμV for 300 to 1800MHz, 0 to 40dBμV for 1 to 300MHz and 1800 to 2900MHz (3201:2000MHz) · Resolution : ±0,5dBμV · Accuracy : ±3dB(at an ambient temperature and with a calibrated frequency) · Bandwidth : Approx. 12,5KHz(-6dB) · Reproducibility : ±2dB 	
	W-FM / AM / SSB	<ul style="list-style-type: none"> · Range : 0 to 50dBμV for 300 to 1800MHz, 10 to 50dBμV for 10 to 300MHz and 1800 to 2900MHz (3201:2000MHz) · Resolution : ±0,5dBμV · Accuracy : ±3dB(at an ambient temperature and with a calibrated frequency) · Bandwidth : W-FM : Approx. 180KHz(-6dB) AM / SSB : Approx. 2,4KHz(-6dB) · Reproducibility : ±2dB 	
	Function Display Mode	<ul style="list-style-type: none"> · Multi bargraph display (5,10,20,40,80,160 channels) · Single bargraph display · Difference Mode display · Spectrum Analyzer display · Frequency Counter display 	
Frequency Counter	Range	9MHz ~ 2900MHz	9MHz ~ 2060MHz
	Sensitivity	<ul style="list-style-type: none"> · 9MHz ~ 2,000MHz : 150mVrms · 20MH ~ 1,000MHz : 100mVrms · 200MHz ~ 2,900MHz : 400mVrms 	<ul style="list-style-type: none"> · 9MHz ~ 2,000MHz : 150mVrms · 20MH ~ 1,000MHz : 100mVrms
	Input Impedance	50Ω	
	Data Memory	10 Reading maybe Stored	
LCD	192 X 192 DOT LCD, Backlighted		
LED Backlight	Backlight will be off 5 seconds after the final key operation, Continuous light-on is also available.		
RS-232C Interface	1200 / 2400 / 4800 / 9600 bps(8 pin Mini Din)		
Power	<ul style="list-style-type: none"> · AA type BATTERY X 6PCS · Car-adaptor, DC 12V · AC Adapter · External power source : DC 11-16V Max, 400mA 		
Auto Power Off	Automatically turns power off 30 minutes after the final key operation, (releasable)		
Operating Temperature & Humidity	0 to 40°C & 35 to 85% RH		
Storage Temperature	-10 to 50°C		
Dimension & Weight	105(W) X 220(H) X 45(D)mm / Approx. 700g(Antenna is not included)		

■ Standard Accessories

- Antenna (Receive only) • Carrying Case • User's Manual • BNC to BNC Cable • Ear-phone • GUI Software(CD)
- AA type Alkaline Batteries (6PCS) • RS-232C Cable • Adapter (N-BNC) • Belt

■ Optional Accessories

- 75Ω to 50Ω Matching Pad • ATT 10dB, 20dB, 30dB, 40dB • F-BNC Adapter • AC Adapter • Car Adapter
- Block Voltage Unit • Mini Printer (RS-232C) • Ni-cd Battery (6PCS)