

# HSA-3390A-3390B

Handheld Spectrum Analyzer



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**Analytical Technologies Limited**

An ISO 9001 Certified Company

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ATL 3390 series handheld spectrum analyzer provides advance features / functions of benchtop analyzers. 3390 spectrum analyzer has functions like spectrum analysis, interference analysis, ACPR, OBW, Channel power, AM/FM, limit line etc. 3390 spectrum analyzer has very competitive price and is a low cost solution for 7.5GHz field spectrum measurement.

## ►► **Key Features of 3390 Handheld Spectrum Analyzer**

- Frequency range from 9kHz - 3.6GHz/7.5GHz
- Sensitive, best DANL <-160 dBm
- Standard 1.5GHz / 3.2GHz tracking source
- Standard pre-amplifier
- Low weight <3.5kg, small size
- 4h battery life, 6.5" large screen

## ►► **Typical Applications of 3390 Handheld Spectrum Analyzer**

- Broadband Spectrum Monitor
- Interference analysis
- EMI pre-compliance test
- Counter surveillance
- Wireless transmitter test / Troubleshooting

## ►► Technical Specifications

		<b>3390A</b>	<b>3390B</b>
Frequency range		9 kHz - 3.6 GHz	9 kHz - 7.5 GHz
Resolution		1 Hz	1 Hz
RBW Range		1 Hz - 50 kHz, 1 MHz, 3 MHz	1 Hz - 50 kHz, 1 MHz, 3 MHz
VBW Range		10 Hz - 3 MHz	10 Hz - 3 MHz
DANL (CF = 1GHz, RBW=1 Hz)		<-135 dBm Preamp off <-155 dBm Preamp on	<-133 dBm Preamp off <-148 dBm Preamp on
SSB Phase Noise (CF=500 MHz, RBW=1 kHz)	Carrier offset 30 kHz	-90 dBc/Hz	-80 dBc/Hz
	Carrier offset 100 kHz	-100 dBc/Hz	-90 dBc/Hz
	Carrier offset 1 MHz	-110 dBc/Hz	-110 dBc/Hz
Maximum safe input level	Average continuous power	+27 dBm	+23 dBm
	DC voltage	50 Vdc maximum	50 Vdc maximum
Input attenuator range		0 - 39 dB, Steps of 3 dB	0 - 30 dB, Steps of 1 dB
TOI	>30 MHz	+13 dBm	+13 dBm
SHI	>10 MHz	+30 dBm	+30 dBm
Input related spurious		<-60 dBc	<-60 dBc
Inherent residual response		<-85 dBm	<-85 dBm
Test Port		Type -N female (50Ω)	
Communication Port		USB B type, LAN	

## ►► General Information

Display	6.5 inch TFT LCD
	Resolution 600*480
Dimensions	288(H)×182(W)×142(D)mm
Weight	2.8 kg (Including battery)
Battery Life	4 hours (typ.)

## ►► Standard Package

1	3390 Main Machine
2	Pre-amplifier
3	Interference Analysis (Spectrogram)
4	Advanced Measurement (OBW, ACPR, Channel power)
5	AM/FM Modulation Analysis
6	FFT 1Hz RBW
7	Audio Demodulation & Measurement
8	Tracking Signal Source 1.5GHz / 3.2GHz

## ►► Options

Option No	Item	Description
3390-01	Backup Battery	\
3390-02	Portable Soft Package	\
3390-03	Field Strength Measurement	\
3390-04	Direction Antenna	Frequency range: 600MHz - 8GHz
3390-05	Omnidirectional Antenna	Frequency range: 300MHz - 7.5GHz
3390-06	Near Field Probe Kit	\
3390-07	SWR Bridge	Frequency range: 10MHz - 3.6GHz
3390-08	USB Power Sensor	Frequency range: 10MHz - 6GHz

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URINOVA 2800  
Urine Analyzer



Total Organic  
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Fully Automated  
CLIA



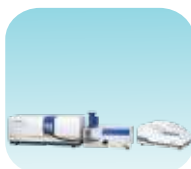
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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



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