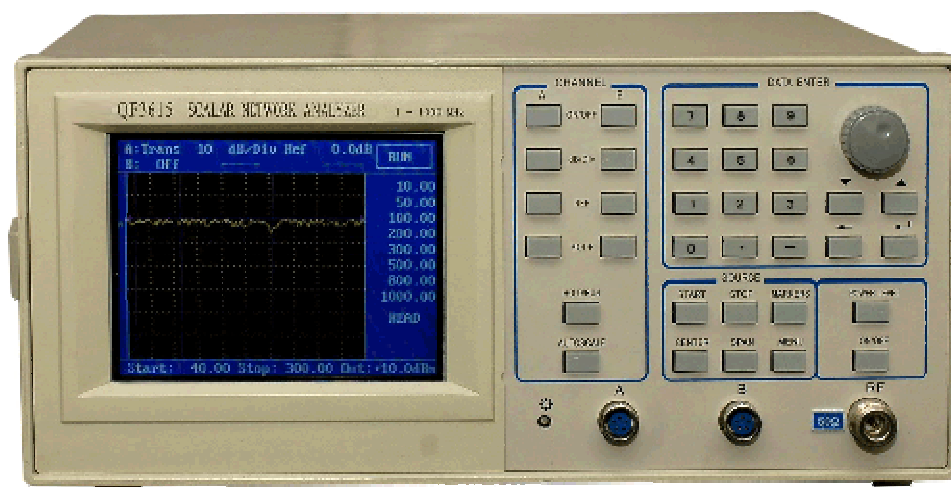


# Scalar Network Analyzer

## QF3615



### Technical Characteristic

### Performance

- High frequency accuracy (<100KHz)
- Wide dynamic range ( $\geq 60\text{dB}$ )
- Self-calibration reduce system error
- Dual independent channels make transmission, reflection and absolute power measurements.
- Eight independent frequency marks with multiplicate modes to readout the measured data conveniently.
- The max-min automatically trackable measurement to read out the amplitude difference directly.
- Display auto-set to make the measured curve display at the proper position on the screen.
- Measuring with run/hold, easy to observe the test curves
- Save and recall
- Print the measured results
- Colour LCD display
- Small size and low power

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### Scientech Technologies Pvt. Ltd.

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## Specifications

### Main Specifications

Frequency Range	: 1-1000MHz
Frequency Resolution	: 10 KHz
Frequency Accuracy	: (5~1000MHz)
1) Single frequency or frequency calibration point : $\pm 100$ KHz	
2) Sweeping frequency : $\pm 200$ KHz	
Output Power Range	: - 69.9dBm ~ +10dBm, 0.1dB step (50 $\Omega$ ) -69.9dBm~ +7dBm, 0.1 dB step (75 $\Omega$ )
Output Power Flatness	: <   $\pm 0.5$   dB (50 $\Omega$ : +10dBm) <   $\pm 0.5$   dB (75 $\Omega$ : +7dBm)
Programmable step attenuator	: $\pm 1$ dB $\pm 0.1$ dB/10dB
Output Power Accuracy	: <   $\pm 1$   dB (0.1dBm ~ *10dBm) (50 $\Omega$ ) <   $\pm 1$   dB (0.1dBm ~ +7dBm) (75 $\Omega$ )

### Signal Purity

Harmonics restrain	: > 30dBc
Residual FM	: <20KHz
Source SWR	: <1.5 (50 $\Omega$ )
Channel Dynamic Range	: + 15dBm ~ 45dBm
Channel Accuracy	: $\pm 0.5 \pm 2\%$ nominal (with W X 10305 detector to test)

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