

NEW PRODUCT

KNet200M

Network Analyzer

1-200MHz Frequency Range



*No more restriction on
PC hardware and OS*

Key Features

- Complete solution for crystal measurement
- High speed serial communication USB interface
- No restriction on PC hardware
- No restriction on operating system
- Easy programming, no library needed
- DLD measurement down to 1nW
- Precision FL measurement compliance to IEC60444-11
- Built-in memory for calibration data storage
- Optional 8 channels multiplexer
- Compact size in 212(L) x 158(W) x 51(H) mm

Applications

- Bench top QC testing for crystal parameters
- Wideband impedance sweeping
- Automatic sorting system
- Final frequency adjustment system
- Temperature testing system
- Multiple units with single computer for channels expansion



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Technical Specifications

	Parameters	Conditions	Min	Typ	Max	Unit
Environment	Operating Temperature		-20		+70	°C
	Storage Temperature		-40		+85	°C
	Operation Humidity				+85	%R.H.
Power Supply	Supply Voltage		10.8	12	13.2	V (DC)
	Supply Current			0.5	2	A
Signal Source	Frequency Range		1		200	MHz
	Signal Level	Power into 50 Ohm load	-42		18	dBm
		IEC60444 Pi-network, 25 Ohm load	1n		1000u	W
	Output impedance			50		Ohm
Receiver Channel	Standard			1		
	Optional Multiplexer				8	
	Input impedance			50		Ohm
Internal Frequency Reference	Accuracy		-0.5		+0.5	PPM
	Stability over operating temperature range	Standard TCXO	-0.1		+0.1	PPM
		Optional OCXO	-0.02		+0.02	PPM
External Frequency Reference Input	Frequency			10		MHz
	Signal Level		-5	0	10	dBm
	Input impedance			50		Ohm
Measurement Capability	Crystal Parameters	Fs, Fr, FL, Rs, Rr, RL, C0, C1, L1, Q, Ts, C0/C1, DLD, Spurious				
	DLD	Multi-points sweeping				
	Spurious Modes	Multi-points sweeping				
Communication Interface	USB 2.0	With Windows, Linux and Mac OS X drivers				
	Virtual COM Port	Baud rate 3Mbits/s				
	Optional	RS485, LAN				
Protocol	Proprietary ASCII Commands	Built-in crystal measurement commands				
Compliances	Crystal Measurement	IEC60444				

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

