

KT338

Desk Top SMD Crystal Sorter

(1-120MHz / 1-240 MHz)



[KH1800 / KH1820](#)

Features

- **No compressed Air (build in air pump)!**
- **Delicated design for crystal trader/manufacturer, IQC, sample check**
- Built-in KH1800 or KH1820 High accuracy Network Analyzer subsystem
- High Accuracy PI-Network Measurement compatible to IEC60444-5 & IEC60444-6
- **High speed DLD measurement (10 points DLD measuring time approx. 0.5 sec)**
- Ultra high speed spurious scan & drive level dependence (DLD) measurement
- Sorting capability for all crystal parameters
- Microsoft Windows® operation allows high quality graph and report printout.
- For difference ceramic SMD packages (7x5, 6x3.5, 5x3.2, 4x2.5, 3x2.5....)
- 2 sorting bins "PASS", "FAIL" (Optional:5 bins)

Specifications

- Frequency Range : 1 to 120 MHz (KH1800), 1 to 240 MHz (KH1820)
- Measurement throughput : Approx. 5200 pcs/hr*
- Measurement Capabilities : Fs, Fr, FL, FL1, FL2, Rs, Rr, RL, CL, C0, C1, L1, Q, Ts, C0/C1, DF1, DF2, DLD, DLD-gamma, Spurious Scan, IR.... (> 46 parameters).
- Drive Level : 10nW - 1mW
- Power : AC220V, 50Hz
- Dimensions : 520mm(W)x420mm(D)x300mm(H)
- Weight : 35Kg (Main Unit + Feeder Bowl)

* Freq. > 6MHz, standard parameters (not include DLD, spurious), depends on crystal frequency, stability and Q factor etc.)



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Software Capabilities

- Setup Files contain the crystal frequency, drive level, and specific crystal parameters to be measured
- During automatic test mode, the computer displays the measured crystal parameters and the number of crystals in each bin continuously.
- The software compiles statistical information for the crystals being tested. This information includes mean, standard deviation, and distribution graphs.
- Testing data can be stored and printout.

Standard System Configuration

- KH1800 or KH1820 PI network Crystal measurement subsystem
- Operation software & cabling
- Controller Card
- Main Unit
- PI Test Head (select 2 package types)
- Sorting Bins
- Automatic Feeder Bowl for SMD crystals

Options :

- Industrial or Lenovo or IBM Compatible computer with Windows XP or Windows7® (32 bits) **recommended for optimum performance:** Intel Core 2 Duo E4500 2.2GHz or above with 1G RAM , USB port, PCI slot (Full size PCI slot with +3V and +5V is required)

*Specifications are subject to change without prior notice.
Photo shown is for reference only.*



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