

KS360

Desk Top SMD Crystal Sorter

(1-120MHz / 1-240 MHz)



[KH1120 / KH1240](#)

Features

- **No compressed Air! Delicated design for crystal trader/manufacturer, IQC, sample check**
- **High speed DLD measurement (10 points DLD measuring time approx. 0.5 sec)**
- Built-in KH1120 or KH1240 High accuracy Network Analyzer subsystem
- High Accuracy PI-Network Measurement compatible to IEC444
- 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.....)
- No special adjustment for different SMD packages crystal
- 2 sorting bins "PASS", "FAIL"
- Numerous User selectable Test Report formats
- Fully computer controlled : Easy operation with color monitor and full ASCII keyboard

Specifications

- Frequency Range : 1 to 120 MHz (KH1120), 1 to 240 MHz (KH1240)
- Measurement throughput : Approx. 5500 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.....
- Drive Level : 10nW - 1mW
- Power : AC220V, 50Hz
- Dimensions : 450mm(W) x 540mm(D) x 400mm(H), (Not include light pole)
Main Unit : 250mm(W) x 200mm(D) x 330mm(H)
- Weight : 35Kg (Main Unit + Feeder Bowl)

* (depends on crystal frequency, stability and Q factor etc.)



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Software Capabilities

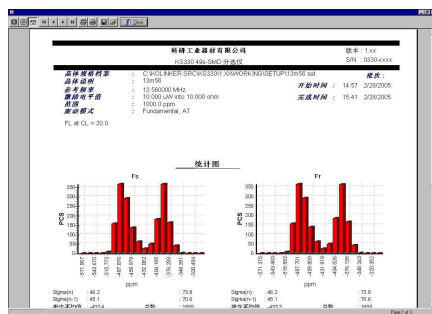
- Easy to operate, full screen editor and all test parameter limit specifications are stored as "Setup File" in the computer hard disk for easy operation.
- Setup Files contain the crystal frequency, drive level, and specific crystal parameters to be measured and also specifies how the crystals are sorted into 2 bins
- 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

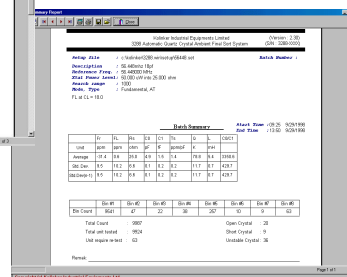
- KH1120 or KH1240 PI network Crystal measurement subsystem 1 set
- Operation software & cabling 1 set
- Controller Card 1 set
- Main Unit 1 set
- PI Test Head (select 2 package types) 2 sets
- Sorting Bins 2 sets
- Automatic Feeder Bowl for SMD crystals 1 set

Options :

- Windows compatible printer
- Industrial or Legend/IBM Compatible computer with Windows 98
(Pentium III 1GHz or better with Windows 98 is strongly recommended for optimum performance, Full size PCI slot with +3V and +5V is required)
- KM3900 IR meter
- KH5602 High driver



Up to 6 statistic graphs can be printed on one page.



Reports can be previewed on screen or printed to printer

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



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