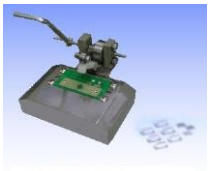
KH1800 / KH1820

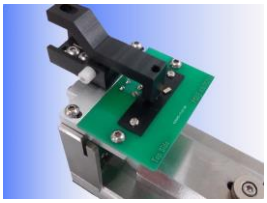
PI - network Crystal Measurement System



SMD Test Fixture

Ultra High Speed Spurious scan & DLD measurement

Supports Physical Load Capacitor



Universal SMD Adapter Kit

Tuning Folk Test Fixture

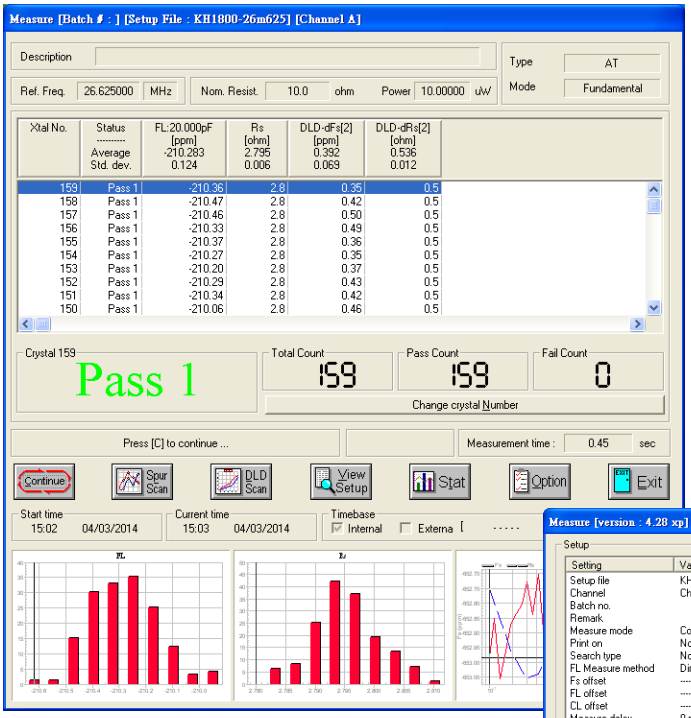
- High Accuracy IEC60444-5 & IEC60444-6 PI-Network Measurement.
- Supports "Direct Impedance Measurement" and "Physical Load Capacitance" methods for FL measurement.
- Full Network Analyser Configuration with built-in Frequency synthesizer and Vector-voltmeter.
- Supports two types of user interface for production mode and engineering mode Production
- Ultra high speed spurious scan & drive level dependence (DLD) measurement.
- High speed PASS/FAIL measurement and sorting up to 5 bins (sorting results displayed on screen).
- All sorting limits of each bin are individually programmable by operator.
- Flexible data storage (Supports data storage in Excel worksheet format) and printing features.
- Support multilingual: simplified Chinese, traditional Chinese and English.
- Optional Test Fixture for Tuning Fork Crystal, SMD crystal etc
- Optional connectivity with third party automatic machines: Hardware I/O control mode or software remote control mode are available for interfacing the KH1800 with any automatic machines.
- External time base interface.
- Frequency Range : KH1800 : 1-120MHz
  KH1820 : 20KHz – 400KHz, 500KHz – 240MHz
- Drive Level : 1nW - 1mW into 25 Ohm.
- Measurement capabilities (more than 48 parameters): Fr, Fs, FL, Rr, Rs, RL, CL, C0, C1, L1, Q, Ts, C0/C1, DF1, DF2, FL1, FL2, DLD-F, DLD-R, DLD-γ (gamma : IEC444-6 standard), spurious scan.
- Repeatability : Fs $\leq$ $\pm$ Time base error $\pm$1 ppm.
  FL $\leq$ $\pm$ Time base error $\pm$1 ppm $\pm$ (0.2pF $\times$ Ts of crystal).
  Rs $\leq$ $\pm$ 8% $\pm$1Ω.
- Time Base error : ex-factory calibration $\leq$ 1 ppm
  aging for 1st year $\leq$ 2 ppm
  aging for 2nd year and thereafter $\leq$ 1 ppm
- Calibration Method : 3 terms (open, short and load) calibration with standard resistor (provided with system).
- Requirements on personal computer supplied by user:

  For optimum performance, the following configuration is recommended: Intel Core 2 Duo E4500 2.2GHz with 1G RAM , USB, PCI slot , , ***PCI bus (for full size card) with +3.3V and +5V power is essential***, Microsoft Windows® XP /Windows 7/ Win10 (32/64 Bits)

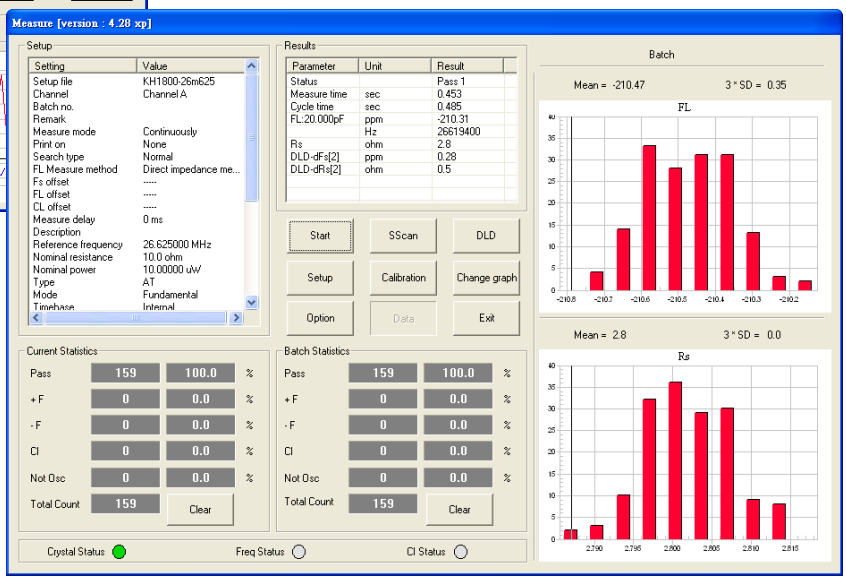
Kolinker Industrial Equipments Limited
Unit C, 24/F, Shield Industrial Centre, 84 - 92 Chai Wan Kok Street, Tsuen Wan, New Territories, Hong Kong.
Phone : (852) 3511 2388 E-mail : kolinker@kolinker.com
Fax : (852) 3511 2300 Home page : http://www.kolinker.com

1288E00-1094 R03

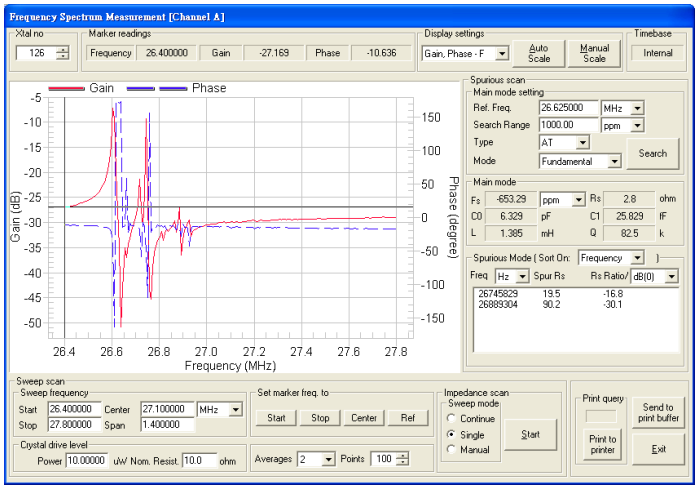
GRAPHICAL DISPLAY FORMAT



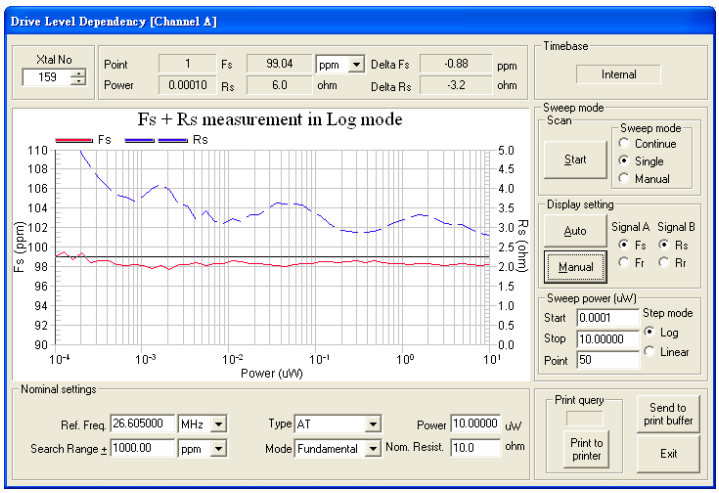
Engineering Mode



Production mode



Spurious Response Scanning



Drive Level Dependence (DLD)

Specifications are subject to change without prior notice.
Photo shown is for reference only.
Windows is a registered trademark of Microsoft Corp.

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