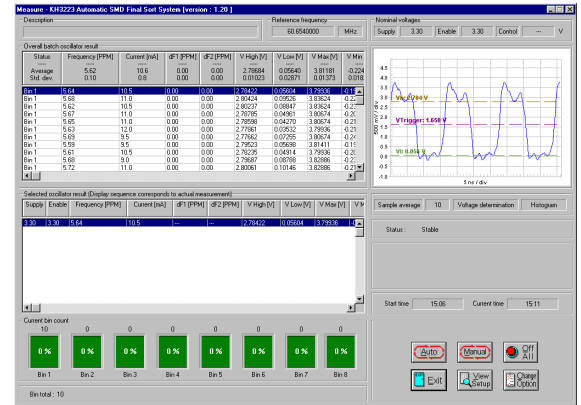


# KH7300 Clock Oscillator Tester



## Features

- High accuracy Agilent ACQIRIS DP214 scope card.
- Microsoft Windows® operation allows high quality graph and report printout.
- Programmable power supply provides over current or constant current protection.
- Supports different packages: half size, full size, SMD (7x5, 5x3.2 etc) (contact Kolinker for different packages).
- Measures various waveform parameters.
- Easy change over between different SMD packages.
- Numerous user selectable test report formats.
- Supports TTL, CMOS and PECL (contact Kolinker for other logic levels).
- Supports VCXO measurement.
- Operates under Windows XP.

## Specifications

- High Speed Counter Card:
  - Resolution : 0.1 ppm at 0.1 second gate time.
  - Time base error : < ±1ppm ( OCXO )
  - Frequency range : 1MHz – 500MHz
- Programmable Power Supply (4 Channels):
  - Voltage range : 0-10V resolution : 5mV
  - Current : 0.2A resolution : 0.2mA
  - Current limit set up resolution : 1mA
  - Protection mode : over current / constant current protection
- Scope Card (Agilent ACQIRIS DP214):



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Sampling rate : 2 GS / second  
 Analogue bandwidth : 1GHz  
 Vertical resolution : 8 bit

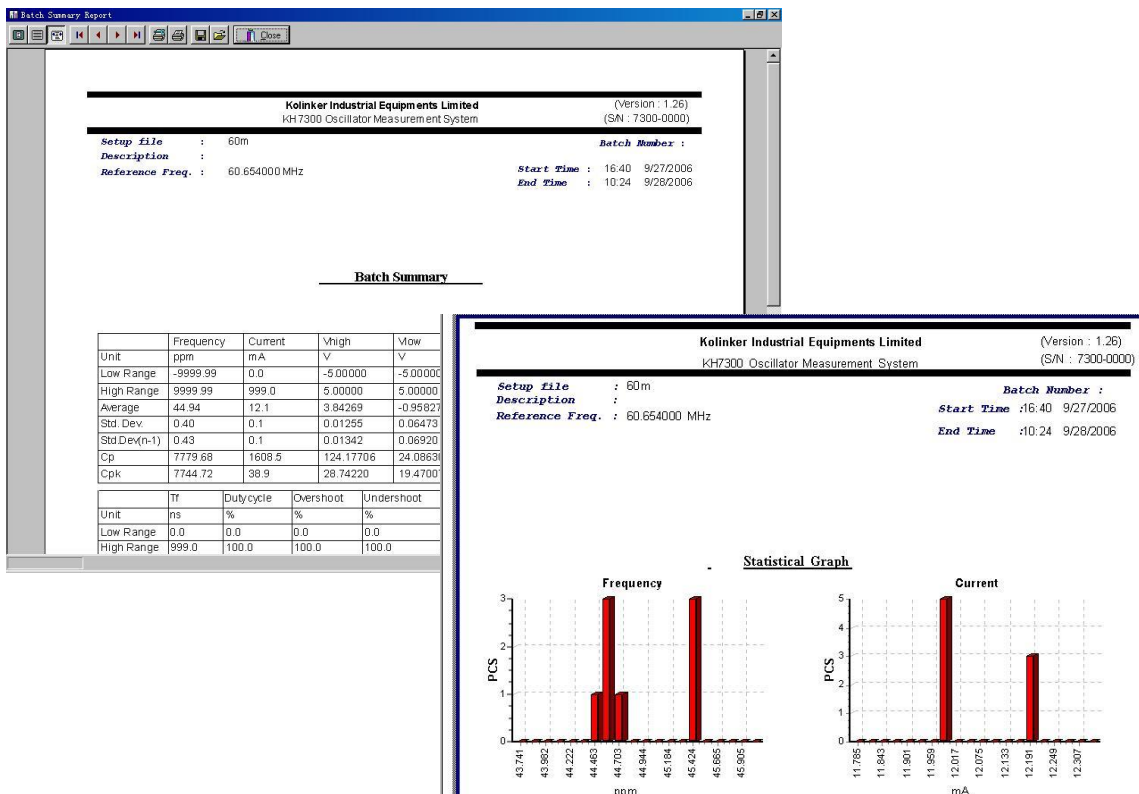
- Measurement Capabilities : Frequency, Current,  $V_{high}$ ,  $V_{low}$ ,  $V_{max}$ ,  $V_{min}$ , Tr, Tf, Duty Cycle, Over-shoot, Under-shoot, Positive Pulse Width, Negative Pulse Width, DF1- DF10 (user define), Enable pin test, Linearity(VCXO).

### Standard System Configuration

- KM5112 Integrated Frequency Counter Card
- KM1266 programmable power supply (4 Channels)
- System Operating Software & cables
- Test fixture (for full size / half size clock oscillators)

### Options :

- Scope Card Agilent ACQIRIS DP214.
- Test head kit for different packages.
- Industrial Computer or Lenovo Computer (or compatible) with Windows® XP. Suggest mon. computer config. Intel Core 2 Duo E4500 2.2GHz with 1G RAM , USB, PCI slot x2 (requires 1 full size PCI slot with +5V & 3.3V)
- Test fixtures for TTL, CMOS and PECL.



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



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