APLAB 60MHz 2Channel Digital Storage Oscilloscope

Features

- 200 / 100 / 70MHz Bandwidths
- 1GSa/s Real Time Sample Rate
- Trigger Mode : Edge, Pulse Width, Video, Slop, Overtime, Alternative Trigger etc.
- Provides Software for PC Real-time Analysis
- Five Math Functions, +, -, *, /, and FFT functions
- 32 Automatic Measurements and Track Measurement via Cursor Automatically
- Large (7") Color Display, WVGA (800 x 480)
- Support U Disk and Local Files Storage
- Pass / Fail Function Enables to Output Testing Results

Applications

- Design and Debug
- Education and Training
- Manufacturing Test and Quality Control
- Service and Repair
- Electronic Circuit Designing and Testing

Technical Specification

ACQUISITION	
Sample Rate	Real-Time Sample: 1GS/s; Equivalent Sample: 25GS/s.
Acquisition Modes	
Normal	Normal data only.
Peak Detect	High-frequency and randon glith capture.
Average	Wavefom Average, selectable 4, 8, 16, 32, 64, 128.
Inputs	
Input Coupling	AC, DC, GND
Input Impendance	1MΩ ±2%, 20pF ±3pF.
Probe Attenuation	1X, 10X.
Supported Probe Attenuation Factor	1X, 10X, 100X, 1000X.
Max. Input Voltage	CAT I and CAT II : 300V RMS (10X); Installation Category III : 150V RMS (1X); Installation Category II : derate at 20dB/decade above 100kHz to 13V peak AC at 3MHz and above. For non-sinusoidal waveforms, peak value must be less than 450V. Excursion above 300V should be of less than 100ms duration. RMS signal level including all DC components removed through AC coupling must be limited to 300V. If these values are exceeded, damage to the oscilloscope may occur.