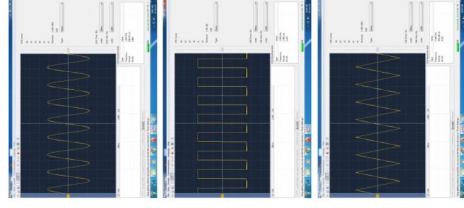


Features :

- Band width & Sampling rate
- 200 MHz DSO -ME 4200CA (1GS/s)
- 7" Color LCD Display, 800 x 480 pixels
- 32 Kind of automatic measurement function
- FET function
- Auto setting for quick setup and waveform acquisition
- Advanced cursor modes: Manual, Auto and Track
- 40k Memory length
- PC interface using Software
- USB-Host / Device



ME 4200CA

Technical Specification :

- Bandwidth : 200MHz
- Sample Rate : 1GS/s
- **Display**
 - Type : 7 Rectangular Colour LCD
 - Display Resolution : 800 Horizontal X 480 Vertical Pixels
 - Display contrast : Adjustable
- **Vertical System**
 - Sensitivity : 2mV/div -10V/div
 - Width of Band (-3dB) : 200MHz
 - Rise Time : < 1.7ns
 - Single Band Shot width : 200Mhz
 - Input Coupling : DC, GND, AC
- **Horizontal System**
 - SEC/DIV Range : 2ns/div ~ 80s/div (at 2-4-8 Sequence)
 - Sampling Rate : 1GSa/s
 - Waveform interpolation : (Sinx)x
 - Memory Depth : 40k
 - Sampling Rate and delay time accuracy : +50ppm over any >1ms time interval
 - Delta Time : Single +(Sampling Interval Time +100ppmXrdg+0.6ns)
 - Measurement Accuracy : Average + (1 sampling interval time +100ppm x rdg+0.4ns)

Trigger System

- Mode : Auto, Normal, Single
- Type : Edge, Pulse width, Video, slope, Overtime Alternate trigger
- Hold Range : 100ns ~10s

Math

- Add, Sub, Mul, Div & FFT

Acquire Input

- Acquisition Mode : Normal, Peak Detect, Average
- Input Coupling : DC, GND, AC

- Input Impedance : 1M Ohm +2% 20pF + 3pF

- Probe Attenuation : 1X, 10X

- Supported probe Attenuation factor : 1X, 10X, 100X, 1000X

- Max input voltage : 300V (DC+AC peak, 1M ohm)

Voltage difference (Delta V) between cursor

Measurement

- Cursor : Time Difference (Delta T) between Cursors Resiprocal of (Delta T) in Hz (1/ Delta T)
- Auto Measure : Frequency, Period , Mean, Pk-Pk, Cyclic RMS, Min., Max., Rise time , Fall Time, + Pulse width, - Pulse width, Delay1-2 Rise, Delay1-2 Fall, + Duty, - Duty, Vbase, Vtop, Vmid, Vamp, overshoot, preshoot, Period Mean, Period RMS, POV shoot, RPRES shoot, BWIDTH, FRF, FFR, LRR, LRF, LFR, LFF

I/O

- Standard : USB (H)

Calibrator Signal

- Output Voltage : 5V(> 1M Ohm Load)
- Output Frequency : 1KHz

- Power Source : 121~240V, 45Hz ~66Hz: 30VA Max; CAT II
- Dimention(W x H x D) : 313mm x 108mm x 142mm
- Weight : 2Kg Approx.

Standard Accessories:

- Operational manual, Power cord, USB cable, Probe (2 Nos.), software CD

