

## Digital Storage Oscilloscope - 4000 Series

### Features :

- Band width & Sampling rate  
- 50 Mhz DSO - ME 4050CA (1GS/s)
- 7" color TFT LCD Display , Resolution 800 x 480 pixels
- Auto-Setting for quick setup and waveform acquisition



ME 4050CA

### Technical Specification :

- Bandwidth : 50MHz
- Sample Rate : 1GS/s
- Display : 7" color TFT LCD Display  
Resolution 800 x 480 pixels
- Horizontal Scale : 5ns/div-1000s/div
- Rise Time : 2ns/div-1000s/div
- Input Impedance : 1M Ohm + 2%, in parallel with 20pF + 5pF
- Channel Isolation : 50Hz: 100:1, 10MHz: 40:1
- Max input Voltage : 400V (PK PK) (DC+AC, PK-PK)
- DC Gain Accuracy : + 3%
- Record Length : 10K
- DC Accuracy (average) : > 16: + (3% reading + 0.05div) for V
- Probe Attenuation factor : 1X, 10X, 100X, 1000X
- LF Respond (AC,-3db) : 10Hz (at input, AC coupling, -3db)
- Sample Rate Relay : + 100 ppm
- Time Accuracy
- Interpolation : Sin (x) / x
- Interval (T) : Single: + ( 1 interval time + 100ppm x Accuracy Full Bandwidth reading + 0.6ns) Average > 16: +(1 interval time+ 100ppmxreading + 0.4ns)
- Input Coupling : DC , AC, and GND
- Vertical Resolution (A/D) : 8 bits ( 2 channels simultaneously)
- Vertical Sensitivity : 5mv/div 5v/div (at input)

### Triggering System

- Trigger Type : Edge, video
- Trigger Mode : Auto, normal, and single
- Trigger Level : + 5 divisions from screen center
- Line/Field Frequency (video) : NTSC, PAL and SECAM standard
- Power Supply : 100V to 240 VAC, 50/60Hz, CAT II
- Power Consumption : < 15W
- Fuse : 2A, T class, 250V

### Environmental Conditions

- Temperature : 0 Degree C ~ 50 Degree C
- Operating : -20 Degree C ~ 60 Degree C
- Storage : <90% RH

- Dimension ( W X H x D) : 301mm x 152mm x 70mm
- Weight : 1.10kg Approx.

### Standard Accessories

- Power Cable, Probes & CD