

LDS40502, 40506 25M /60MHZ HANDHELD SCOPE METERS

- DMM built with dual-channel DSO, color LCD display
- Windows CE system, functions work in parallel and expandable by inserting function cards
- Multiple interface: USB, RS232, RJ-45, SD card, etc.
- Waveform maths, auto and cursor measurement
- Data storage up to 100 million data
- Touch screen and keyboard operation
- Recharge lithium batteries suitable for outdoor use



REF: 121022.X0000

CE (EMC), UL, CE (LVD)

Technical specifications

Bandwidth: DC ~ 25M or 60MHz x 2 channels

Sampling rate: real time 200M Sa/sec

Horizontal sensitivity: 10ns/div~10s/div, $\pm 0.01\%$

Memory depth: 8k per channel

Vertical sensitivity: 5mV/div~5V/div, $\pm 5\%$

Vertical resolution 8 bit

Rise time: 14ns /5.8ns

Trigger mode: Auto, Normal, Single time, Sweep

Max. input voltage: 300V DC + AC peak

Input Impedance: $1M\Omega // 20pF$

Waveform maths: +, -, *, /, FFT

Auto measurement: Vpp, Vmax, Vmin, Vtop, Vbase, Vmid,

Vamp, Vavg, Vmean, Vrms, +Overshoot, -Overshoot,

Freq, Period, +Width, -Width, +duty, -duty, etc.

Cursor measurement: ΔV , ΔT

Data record: up to 100 million data

Interface: USB (host & device), RS232, RJ-45k, SD card

Display: 3.8 inch 320x240 pixels color LCD with backlit

DMM functions

DCV /ACV: 0~1000V, $\pm 1.0\%/2.0\%$ (res 10 μV)

DCA /ACA: 0~2A/10A, $\pm 1.0\%/2.0\%$ (res 10nA)

OHM: 0~20M Ω , $\pm 2.0\%$ (res 10m Ω)

Capacitance: 0~100 μF , $\pm 2.0\%$ (res 0.1pF)

Inductance: 0~10mH, $\pm 5.0\%$ (res 0.1 μH)

Temperature: -40 $^{\circ}C$ ~1000 $^{\circ}C$, $\pm 1.0\%$ (res 0.1 $^{\circ}C$)

Logic Level: 0~5V, $\pm 1.0\%$

p-n Pressure Drop: 0~2V, $\pm 2.0\%$ (res 10 μV)

Battery: rechargeable lithium batteries

Dimensions & weight: 190x125x45mm, 630g approx.

Accessories: AC adaptor, interface wire & software,
test leads & probes