

LDS30000 SERIES 5 IN 1 EXPERIMENTAL INSTRUMENT

- Combines the function of Dual-channel Digital Storage Oscilloscope (DSO), Arbitrary Waveform Generator (AWG), Digital Multimeter, LCR meter, Audio Signal Analyzer (ASA) in one instrument !
- Windows CE based, different functions work in parallel and exchange data mutually
- Performs compositive testing both in time domain, frequency domain and data domain
- Expanding ability for logic Analyzer, Impedance Analyzer and Pattern Generator
- With AC input and rechargeable lithium batteries, suitable for operation in the wild field
- 7 inches touch-screen LCD, advanced display engine and excellent waveform refreshing



REF: 1231010J0000

CE (EMC), UL, CE (LVD)

Technical Specifications

DSO (dual channel)

Bandwidth: 50M /100M /200MHz, -3dB

Real-time sampling rate: 1G Sa/s

AWG:

Sampling: 200M Sa/s, 12 bits,

Storage depth: 32kB, sine wave

DMM:

DC Voltage: 0.1mV ~1000V

AC Voltage: 0.1mV ~700V (RMS)

DC /AC Current: 0.1 μ A~10A (3 divisions)

Digital LCR:

Resistance: 100m Ω ~20M Ω

Capacitance: 0.1pF~100 μ F

Inductance: 0.1 μ H~10mH

Megohm(optional): 500k Ω ~ 500M Ω (@500V)

Audio Analyzer:

Voltage range: 0.3V, 3V, 30V, 300V

Frequency response: 10Hz~ 48kHz

Sampling: 96kHz

Resolution: 24bit

Noise: 0~ 70dB

THD distortion: 0~ -70dB(or 0.03~100%)

Audio Record: >10M (continuous)

Audio frequency recall: check at random time

Power supply: AC100~240V, \pm 10%

rechargeable lithium batteries

Dimensions: 175(H)x340(W)x165(D)

Net weight: 5.0kgs approx.

Accessories: probes, power cord, etc.