

## **General Purpose 100 MHz Oscilloscope**

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The LeCroy LS-140™ sets a new standard for problem solving. This exciting instrument combines connectivity features with a powerful digital oscilloscope to provide a measurement system well suited for digital circuit test and debug in R&D, Production Test, and Service applications.

- 100 MHz bandwidth, 500 psec/div (8 GS/s sampling) minimum Time base for repetitive signals.
- 200 MS/s sampling for single shot signals.
- Four channels with dual ADC's and dedicated memories.
- Alias protection on all sample ranges.
- Configurable AUTOSETUP.
- Vertical, and cursor presets for common logic families, CMOS, TTL, ECL.
- Waveform and Measurement Data formats for Spreadsheets, PSpice™, MATHCAD™.
- LeCroy Smart Probe™ for remote operation from the probe. (Optional)
- Ethernet network compatibility. (Optional)
- FAX Transmission. (Optional, U.S. Only)
- Automatic PASS/FAIL limit testing.
- 3.5" DOS compatible Floppy Disk for Waveforms, Setups, Measurements, and Graphics storage.
- Internal 170Mb Hard Disk Drive. (Optional )
- GPIB (Optional).
- SCPI 1993.0 compatible command set.
- ISA backplane.
- RS-232 & Centronics Interfaces.

This oscilloscope is easy to use with a fast, crisp display. In addition to the features listed above the LS-140 includes all of the expected features from a LeCroy oscilloscope such as, Panel storage, measurements, Waveform processing, and Smart Trigger™.

## Accessories Supplied

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- Four PP050 (150 MHz, 10:1 Probes)
- This Operator's Manual
- Remote Programmer's Manual
- Power cord for country of destination
- Protective Front Cover

## Available Accessories

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- LS-RM                      Rackmount Kit
- LS-SM                      Service Manual
- LS-CART                    Oscilloscope Cart
- LS-FC                      Protective Front Cover
- LS-TRANS                 Hardshell Transit Case
- LS-SOFT                    Softshell Carrying Bag
- DC/GPIB                  2 meter GPIB cable

## Options

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- LS-L1                      Long Memory Version, 20k/channel + 170Mb Hard Disk
- PP051                      Smart Probe (150 MHz, 10:1)
- LS-GPIB                    GPIB Interface
- LS-FAX                    Direct FAX output (U.S. only)
- LS-NET                    Ethernet Interface

