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Extech MS6100

Extech MS6100 2-Channel Digital Oscilloscope User Manual

Model: MS6100

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of the Extech MS6100 2-Channel Digital Oscilloscope. The MS6100 is a versatile instrument designed for precise electrical testing and measurement, combining the functionalities of a digital oscilloscope and a TRMS multimeter.

Key features include a 5.6-inch color LCD, high sampling rate, extensive record length, and various measurement capabilities. Please read this manual thoroughly before using the device to ensure proper handling and to maximize its performance.

2. SAFETY INFORMATION

WARNING: To avoid electric shock or personal injury, read the safety information carefully before using the product.

- Always use the instrument with the specified probes and accessories.
- Do not use the instrument if it appears damaged or if it is not operating properly.
- Observe all local and national safety codes.
- Ensure the power adapter is correctly rated for your local power supply.
- Do not expose the instrument to rain or moisture.
- Refer all servicing to qualified service personnel.

3. PRODUCT OVERVIEW

The Extech MS6100 integrates a powerful 2-channel digital oscilloscope with a full-featured TRMS multimeter, offering a compact and robust solution for field and bench measurements.

3.1 Main Features

- 100MHz Bandwidth for precise signal analysis.
- 5.6" (142mm) color LCD display for clear waveform visualization.
- 500MS/s sampling rate per channel for detailed signal capture.

- 1M point record length per channel for extended waveform recording.
- Built-in TRMS MultiMeter with 6000 count display and analog bargraph.
- One-touch automatic setup for optimized display.
- 23 Automatic Measurements.
- Waveform Math functions (Add, Subtract, Multiply, Divide).
- Automatic cursor tracking measurements.
- XY Mode for phase relationship analysis.
- Built-in FFT function for frequency domain analysis.
- Storage and recall of up to 1000 waveform screens and setups on 2G microSD card.
- Waveform Recorder for capturing/replaying input waveforms.

3.2 Instrument Layout



Figure 3.1: Front view of the Extech MS6100 Digital Oscilloscope, showing the color LCD display, function buttons (F1-F5), navigation controls, input terminals (10A, FUSED/MAX 0.6A, mA, COM, V/Ω/C, CAT II 600V), and dedicated buttons for oscilloscope and multimeter functions.

The front panel features a large color LCD for displaying waveforms and measurement data. Below the screen are five function buttons (F1-F5) whose labels change dynamically on the screen. The main control area includes dedicated buttons for voltage (V), current (A), resistance (Ω), diode test, continuity, save/recall, utility, cursor, measure, and menu

navigation. Input terminals for oscilloscope channels (CH1, CH2) and multimeter functions are located at the bottom, along with the power button and auto-setup button.

4. SETUP AND INITIAL OPERATION

4.1 Unpacking and Inspection

Carefully unpack the instrument and verify that all items are present and undamaged. The package should include:

- Extech MS6100 Digital Oscilloscope
- Two 1X/10X oscilloscope probes
- Test leads for multimeter functions
- Windows® compatible software and USB cable
- Universal AC adaptor/charger
- Carrying case
- MicroSD card (2G, installed)

4.2 Battery Installation and Charging

The MS6100 is powered by one Lithium Ion battery (included and pre-installed). Ensure the battery is fully charged before first use. Connect the universal AC adaptor/charger to the instrument's charging port and to a suitable AC power outlet. The charging indicator will show the charging status.

4.3 Powering On/Off

To power on the device, press and hold the **Power** button (orange circle with power symbol) located at the bottom left of the control panel. To power off, press and hold the same button until the display shuts down.

4.4 Initial Setup

Upon first power-on, the device may prompt for language selection or other initial settings. Use the navigation buttons and F-buttons to configure as needed. The built-in multi-language help system can be accessed via the pop-up menu.

5. OPERATING INSTRUCTIONS

5.1 Oscilloscope Mode

To enter Oscilloscope mode, press the **OSC DMM** button. The display will show the waveform grid and channel information.

- **Connecting Probes:** Connect the oscilloscope probes to the CH1 and CH2 BNC inputs. Ensure the probe attenuation setting (1X/10X) matches the setting on the oscilloscope.
- **Auto Setup:** For quick waveform display, press the **AUTO** button (bottom right). This optimizes position, range, timebase, and triggering.
- **Vertical Controls (VOLTS):** Use the **VOLTS** buttons for CH1 and CH2 to adjust the vertical scale (Volts/Div). Use the associated up/down arrows to adjust vertical position.
- **Horizontal Controls (TIME/DIV):** Use the **TIME/DIV** buttons to adjust the horizontal scale (Time/Div). Use the associated left/right arrows to adjust horizontal position.
- **Triggering:** Use the **TRIGGER** button and associated controls to set the trigger level and mode for stable waveform capture.
- **Measurements:** Press the **MEASURE** button to access automatic measurements (e.g., frequency, peak-to-peak voltage).

- **Cursors:** Press the **CURSOR** button to enable and position horizontal and vertical cursors for manual measurements.
- **Waveform Math:** Access Add, Subtract, Multiply, and Divide functions via the **MENU ON/OFF** button and navigating to the Math menu.
- **FFT Function:** Convert time-domain signals to frequency components using the FFT function, accessible through the menu.
- **XY Mode:** For displaying phase relationships between two signals, select XY Mode from the menu.

5.2 Multimeter Mode

To switch to Multimeter mode, press the **OSC DMM** button again. The display will show multimeter readings.

- **Connecting Test Leads:** Connect the red test lead to the V/ Ω /C or mA terminal and the black test lead to the COM terminal. For high current measurements, use the 10A terminal.
- **Function Selection:** Use the dedicated buttons (V, A, Ω , Diode, Continuity) to select the desired measurement function.
- **Reading Display:** The 6000 count display will show the measurement value, and an analog bargraph provides a visual indication of the reading.

5.3 Data Storage and Recall

The MS6100 allows for extensive data storage on its internal 2G microSD card.

- **Saving Waveforms/Setups:** Press the **SAVE RECALL** button, then follow the on-screen prompts to save current waveform screens or instrument setups. Up to 1000 items can be stored.
- **Recalling Data:** Press the **SAVE RECALL** button and navigate to the recall option to view previously saved waveforms or load setups.
- **Waveform Recorder:** The Waveform Recorder function allows capturing and replaying input waveforms from CH1 and CH2 with a maximum record length of 1000 frames. Access this feature through the Utility menu.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning helps maintain the instrument's performance and appearance.

- Wipe the case with a damp cloth and mild detergent. Do not use abrasives or solvents.
- Ensure no liquid enters the instrument.
- Clean the display screen gently with a soft, lint-free cloth.

6.2 Battery Care

To prolong battery life:

- Recharge the battery regularly, even if the instrument is not in frequent use.
- Avoid storing the instrument in extreme temperatures.
- If the instrument will not be used for an extended period, charge the battery to approximately 50% before storage.

6.3 Storage

When not in use, store the MS6100 in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Instrument does not power on.	Battery is depleted or not properly installed. Power adapter not connected or faulty.	Charge the battery using the AC adapter. Ensure the battery is correctly seated. Check AC adapter connection.
No waveform displayed in Oscilloscope mode.	Probe not connected, signal too small/large, incorrect time/div or volts/div settings, trigger not set correctly.	Ensure probes are connected to the correct inputs and the signal source. Press AUTO . Adjust VOLTS/DIV and TIME/DIV. Adjust trigger level.
Multimeter readings are inaccurate.	Incorrect function selected, test leads not properly connected, faulty test leads.	Verify the correct measurement function is selected. Ensure test leads are securely connected to the appropriate terminals. Try different test leads if available.
Cannot save data to microSD card.	MicroSD card full, card error, or card not properly inserted.	Check available space on the microSD card. Reinsert the card. Format the card (this will erase all data).

8. SPECIFICATIONS

Detailed technical specifications for the Extech MS6100 Digital Oscilloscope.

Parameter	Value
Manufacturer	FLIR Systems
Part Number	MS6100
Item Weight	5.5 pounds
Product Dimensions	9.6 x 6.4 x 2 inches
Item Model Number	MS6100
Batteries	1 Lithium Ion batteries required (included)
Style	100 mHz
Item Package Quantity	1
Date First Available	August 6, 2012
Bandwidth	100MHz
Display	5.6" (142mm) color LCD
Sampling Rate	500MS/s per channel
Record Length	1M point per channel
Multimeter Display	6000 count with analog bargraph

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Extech instruments are warranted to be free from defects in parts and workmanship for a specified period from the date of shipment (typically one year). For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Extech website. This warranty does not cover damage from abuse, accident, neglect, alteration, contamination, or abnormal conditions of operation or handling.



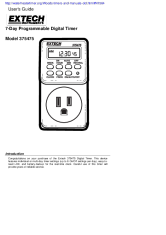
9.2 Technical Support




For technical assistance, troubleshooting, or service inquiries, please contact Extech customer support. Before contacting support, please have your product model number (MS6100) and a detailed description of the issue ready. You can find contact information on the official Extech website or in the documentation provided with your purchase.

Visit the [Extech Store on Amazon](#) for more information and resources.

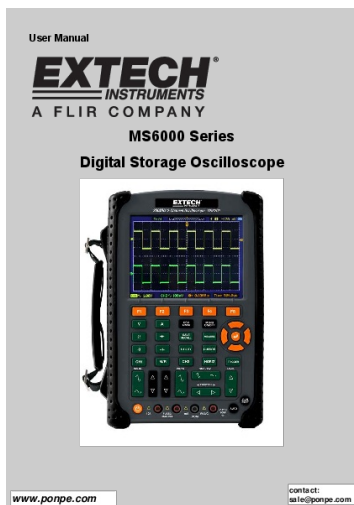
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Related Documents - MS6100

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	<p>MASTECH MS6100 Digital Counter Quick Start Guide Frequency & Period Measurement</p> <p>Get started with the MASTECH MS6100 Multi-Function Digital Counter. This guide covers setup, safety, specifications, and basic operations for frequency and period measurements.</p>

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MS6000 Series 2-Channel Digital Oscilloscopes



Features

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- One-touch automatic setup optimizes the position, range, resolution, and triggering to ensure stable display of signals any situation.
- Easy-to-use menu system with built-in multi-language system
- 25 Automatic Measurements
- Waveform Math: Add, Subtract, Multiply, and Divide
- Store and recall up to 1000 waveform captures and setups using the included 32G microSD card
- Automatic capture triggering measurements
- XY Mode
- Built-in FFT function converts a time domain signal into its frequency components to measure harmonic content and distortion in systems.
- Waveform Recorder to capture history (real-time) waveforms from CH1 and CH2 with a maximum record length of 1000 frames
- Peak-Pak function compares a selected waveform to an unknown signal
- Average Math for averaging waveforms
- Square Wave Output (SWO) for probe adjustment
- Built-in AC/DC/UV Lock, True RMS Measurement, auto-ranging, brightness
- Compatible with two 1870mAh rechargeable lithium-ion battery packs, 7.4V Li-Ion battery, universal AC charge, and carrying case

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- Compatible with two 1870mAh rechargeable lithium-ion battery packs, 7.4V Li-Ion battery, universal AC charge, and carrying case

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User Manual

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MS6000 Series Digital Storage Oscilloscope



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Serie MS6000

Oscilloscopio con Memorizzazione
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MS6000-Serie

Digitales Speicher-Oszilloskop



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2-Channel Digital Oscilloscopes

5.6" (142mm) color LCD display
Makes viewing multiple waveforms easy

PRELIMINARY DATASHEET

Features:

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- One-touch automatic setup optimizes the position, scale, trigger, and triggering to ensure a stable display of multiple waveforms
- Easy-to-use pop-up menu with built-in multi-language help system
- 23 Automatic Measurements
- Waveform Recorder: Auto, Subplot, Merge, and Delete
- Store and recall up to 1000 waveform captures and masks using the included 32-megabyte card
- Automatic color tracking measurement
- XY Mode
- Multi-FFT function converts a time-domain signal into frequency components to measure harmonic content and determine its system
- Waveform Recorder: To capture history signal of waveforms from CH1 and CH2 with continuous recording length of 1000 frames
- Expandable memory compares a stored waveform to an external file
- Average Mode for averaging waveforms
- Expandable Channel (DC) limit for probe adjustment
- 6000 count stabilizer with analog trigger
- USB interface and software for analyzing waveforms and data
- Compatible with two 100MHz real-time oscilloscopes, hot lead, Microsoft-compatible software and USB cable (not included), universal AC power adapters, and case

Ordering Information:

Model: MS6060, MS6100, MS6200
 MS6060: 100MHz, 100MHz, 100MHz
 MS6100: 200MHz, 200MHz, 200MHz
 MS6200: 400MHz, 400MHz, 400MHz
 Case: 100MHz, 100MHz, 100MHz

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MS400data 2 Channel Digital Oscilloscopes InstrumartThree models to choose from Model MS6060 — 60MHz bandwidth MS6100 100MHz MS6200 200MHz bandwidthMS6000 Datasheetinstrumart assets MS6000 Datasheet srsfltid AfmBOopvOx00MW6ZyPyShg5ohGaE58hmqmPArr2PWsjZKShzJ BgBiiy ||| 2-Channel Digital Oscilloscopes 5.6 142mm color LCD display Makes viewing multiple waveforms easy PRELIMINARY DATASHEET Features: Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup opti... lang:en score:24 filesize: 178.27 K page_count: 1 document date: 2012-04-04

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HOS-MS6000 SERIES
Handheld Oscilloscopes

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PRODUCT DATASHEET

MS6000 Series 2-Channel Digital Oscilloscopes

5.6" (142mm) color LCD display
Makes viewing multiple waveforms easy

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- Average Mode for averaging waveforms
- Expandable Channel (DC) limit for probe adjustment
- 6000 count stabilizer with analog trigger
- USB interface and software for analyzing waveforms and data
- Compatible with two 100MHz real-time oscilloscopes, hot lead, Microsoft-compatible software and USB cable (not included), universal AC power adapters, and case

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MS6000seriesData indd alexbondarenko PRODUCT DATASHEET MS6000 DS en MS6000data Extch 3 datasheet extech products resources instruments datasheets 80 site jjstech rapid tech au vn components com jshopping files demo PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E F 5.6 142mm gra ... nce F. XY Format Features Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t... lang:en score:23 filesize: 149 K page_count: 2 document date: 2012-07-27

User Manual

EXTECH
INSTRUMENTS
A FLIR COMPANY

MS6000 Series

Digital Storage Oscilloscope

5.6" (142mm) color LCD display
Makes viewing multiple waveforms easy

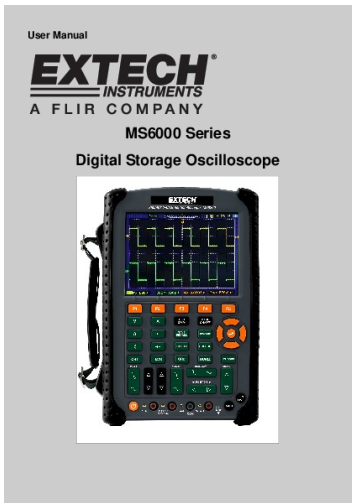
Features:

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- One-touch automatic setup optimizes the position, scale, trigger, and triggering to ensure a stable display of multiple waveforms
- Easy-to-use pop-up menu with built-in multi-language help system
- 23 Automatic Measurements
- Waveform Recorder: Auto, Subplot, Merge, and Delete
- Store and recall up to 1000 waveform captures and masks using the included 32-megabyte card
- Automatic color tracking measurement
- XY Mode
- Multi-FFT function converts a time-domain signal into frequency components to measure harmonic content and determine its system
- Waveform Recorder: To capture history signal of waveforms from CH1 and CH2 with continuous recording length of 1000 frames
- Expandable memory compares a stored waveform to an external file
- Average Mode for averaging waveforms
- Expandable Channel (DC) limit for probe adjustment
- 6000 count stabilizer with analog trigger
- USB interface and software for analyzing waveforms and data
- Compatible with two 100MHz real-time oscilloscopes, hot lead, Microsoft-compatible software and USB cable (not included), universal AC power adapters, and case

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[pdf] User Manual Quick Start Guide Guide

MS6000 EU EN V1 4 ACaban Extch MS6060 Handheld scope meter 60 MHz 2 channel 500 MSa s 512 KP 8 Bit Digital storage DSO Multimeter functions 1 pc Manual 000103797ML02 asset conrad media10 add 160267 c1 en ||| User Manual MS6000 Series Digital Storage Oscilloscope Chapter 1 Contents CHAPTER 1 - CONTENTS... S6000-EU-EN V1.4 8/12 Chapter 2 - Overview 2.1 Brief Introduction on MS6000 Series Model MS6060 **MS6100** MS6200 Channels Bandwidth Sample Rate 2 60MHz 2 100MHz 1GS/s 1GS/s 2 200MHz 1GS/s ... lang:i-klingon score:23 filesize: 1.03 M page_count: 85 document date: 2013-02-01



[\[pdf\]](#) User Manual Quick Start Guide Guide

MS6000 EU EN V1 4 ACaban Extech MS6200 Handheld scope meter 200 MHz 2 channel 500 MSa s 512 KP 8 Bit Digital storage DSO Multimeter functions 1 pc Manual 000103799ML02 asset conrad media10 add 160267 c1 en |||

User Manual MS6000 Series Digital Storage Oscilloscope Chapter 1 Contents
 CHAPTER 1 - CONTENTS... S6000-EU-EN V1.4 8/12 Chapter 2 - Overview 2.1
 Brief Introduction on MS6000 Series Model MS6060 **MS6100** MS6200 Channels
 Bandwidth Sample Rate 2 60MHz 2 100MHz 1GS/s 1GS/s 2 200MHz 1GS/s ...
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PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E
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 Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model
 MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...
 lang:en score:23 filesize: 246.4 K page_count: 2 document date: 2022-03-29



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MS6000seriesData indd MS6000data kotek psotek Extech MS6060 60MHz 2 Channel Digital
 Oscilloscope ValueTesters valuetesters assets images VT |||

PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E
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 Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model
 MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...
 lang:en score:23 filesize: 306.42 K page_count: 2 document date: 2017-02-20

EXTECH
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MS6000 Series 2-Channel Digital Oscilloscopes



Features

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- One-touch automatic setup optimizes the position, scale, intensity, and triggering to ensure a stable display of virtually any waveform.
- Easy-to-use on-panel menu with built-in multi-language system.
- 25 Automatic Measurements.
- Waveform Math: Add, Subtract, Multiply, and Divide.
- Store and recall up to 1000 waveform captures and waveform using the included 32G microSD card.
- Automatic corner triggering measurements.
- XY Mode.
- Built-in FFT function converts a time-domain signal into its frequency components to measure harmonic content and distortion in systems.
- Waveform Recorder to capture lengthy (up to 1000 frames) recordings from CH1 and CH2 with a maximum record length of 1000 frames.
- Peak-to-Peak function compares a selected waveform to an unknown signal.
- Average Mask for detecting abnormalities.
- Square Wave Output (SWO) for probe adjustment.
- Built-in DVD reader. Run DVD-ROMs with setup, training, and more.
- Compatible with the 1000mAh rechargeable battery pack, 7.4V Li-Ion battery, universal AC charger, and carrying case.

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MS6000seriesData indd MS6000data kotek psotek Extech MS6200 200MHz 2 Channel Digital Oscilloscope ValueTesters valuetesters assets images VT |||

PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E

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Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...

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MS6000 Series 2-Channel Digital Oscilloscopes



Features

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- Compatible with the 1000mAh rechargeable battery pack, 7.4V Li-Ion battery, universal AC charger, and carrying case.

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PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E

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Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...

lang:en score:22 filesize: 91.31 K page_count: 2 document date: 2021-09-14

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MS6000 Series 2-Channel Digital Oscilloscopes



Features

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PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E

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Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...

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PRODUCT DATASHEET

MS6000 Series 2-Channel Digital Oscilloscopes



Features

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- One-touch automatic setup optimizes the position, scale, trigger, and triggering to ensure a stable display of all of any waveform.
- Easy-to-use post-up menu with touch in multi-language system.
- 20 Automatic Measurements:
 - Waveform Math: Add, Subtract, Multiply, and Divide
 - Store and recall up to 1000 waveform screens and waveform using the included 32M microSD card
 - Automatic current tracking measurements
 - XY Mode
 - Built-in FFT function converts a time-domain signal into its frequency components to measure harmonic content and distortion in systems.
- Waveform Recorder to continuously record waveforms from CH1 and CH2 with a maximum record length of 1000 frames.
- True Fall function compares a stored waveform to an unknown input.
- Average Mode for smoothing waveforms.
- Square Wave Output (SWO) for precise adjustment to data to load your True RMS Multimeter with any frequency.
- Complete with two 1000mAh rechargeable lithium-ion batteries, 7.4V Li-ion battery, universal AC charger, and carrying case.

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MS6000seriesData indd alexbondarenko Digital Oscilloscopes Mouser ElectronicsMS6100 100MHz Dual Channel Oscilloscope MS6200 200MHz BATT 74V 7 4V Li Ion v1mouser ds 2 148 MS6000data 269157 srslltid AfrmBOoqrsl7SsXMAOdPUi1W8ChxYVvk9iH vvk8puA0yrjpH0Ph4dJi |||

PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E F 5.6 142mm gra ... nce F. X/Y Format Features Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t... lang:en score:19 filesize: 155.8 K page_count: 3 document date: 2012-07-27

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MS6000 Series 2-Channel Digital Oscilloscopes



Features

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- Complete with two 1000mAh rechargeable lithium-ion batteries, 7.4V Li-ion battery, universal AC charger, and carrying case.

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BATT 74V РАДИОМАГ РКС КОМПОНЕНТЫ Виробник Teledyne FLIR 7 4V Li Ion Replacement Battery for Oscilloscopes ms6000data static6 arrow aro conversion 48fd7c88c8f6aecc963dfa6548282c82d44618d1 |||

PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E F 5.6 142mm gra ... nce F. X/Y Format Features Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t... lang:en score:18 filesize: 147.95 K page_count: 2 document date: 2022-03-22

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MS6000 Series 2-Channel Digital Oscilloscopes



Features

- Three models to choose from:
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 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
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 - Automatic current tracking measurements
 - XY Mode
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- Average Mode for smoothing waveforms.
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- Complete with two 1000mAh rechargeable lithium-ion batteries, 7.4V Li-ion battery, universal AC charger, and carrying case.

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PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E F 5.6 142mm gra ... nce F. X/Y Format Features Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t... lang:en score:18 filesize: 149.01 K page_count: 2 document date: 2012-07-27

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PRODUCT EXCELLENCE

2-Channel Digital Oscilloscopes

5.6" (142mm) color LCD display
Makes viewing multiple waveforms easy

PRELIMINARY DATASHEET

Features:

- Three models to choose from:
 - Model MS6060 -- 60MHz bandwidth
 - Model MS6100 -- 100MHz bandwidth
 - Model MS6200 -- 200MHz bandwidth
- Clear multi waveform large waveform display, zoom, pan, scroll, and triggering to make it easy to study all details of waveforms
- Easy-to-use step-up menu with built-in multi language help system
- 23 Automatic Measurements
- Measurement Menu: Auto, Submenu, Math, and Data
- Wave and clock up to 1000 waveforms, zoom and scroll on the multi 20 channel card
- Automatic color tracking measurement
- 40 MHz
- Multi-1920 resolution in 640x480 pixel resolution
- 24 Frequency components for automatic content and waveform capture
- Waveform Recorder to capture history of waveforms from 200 to 2000 with automatic recording up to 1000 frames
- Expandable keyboard complete a standard workstation
- 20 channel card
- Average Mode for accurate waveforms
- Expandable Scope (20) slots for probe adjustment
- 6000 count stabilizer with analog bargraph
- USB interface and software for analyzing waveforms
- PDF files
- Compatible with the 10000 multifunction handheld, hot lead, Modbus, computer software and USB cable. (4) USB cables, wireless AC, power supplies, and case

Ordering Information:

MS6060 2-Channel Digital Oscilloscope
MS6100 2-Channel Digital Oscilloscope
MS6200 2-Channel Digital Oscilloscope
10000 Multifunction Handheld
10000-USB USB Cable
10000-AC AC Power Supply
10000-Case Case

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MS400data MS6000 Datasheet instrumart assets

2-Channel Digital Oscilloscopes 5.6 142mm color LCD display Makes viewing multiple waveforms easy PRELIMINARY DATASHEET Features: Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup opti...

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Выбор для вас: цвет, диапазон, функционал, качество, надежность, выбор, варианты, варианты на стр. 10

Model	MS6060	MS6100	MS6200	MS6060	MS6100	MS6200	MS6060	MS6100	MS6200
Bandwidth	60 MHz	100 MHz	200 MHz	60 MHz	100 MHz	200 MHz	60 MHz	100 MHz	200 MHz
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Sampling Rate	1 GS/s	1 GS/s	1 GS/s	1 GS/s	1 GS/s	1 GS/s	1 GS/s	1 GS/s	1 GS/s
Storage Capacity	10000	10000	10000	10000	10000	10000	10000	10000	10000
Price	1000	1000	1000	1000	1000	1000	1000	1000	1000

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. 16 VDC True RMS K IR EX570 8 0.06 40,000 ... 2 1X/10X, , , , , MS420 PWRCORD-MS420 20 MS420 , MS6060/**MS6100**/MS6200 NEW 144 - 60, 100, 200 , , , 23 ...

lang:de score:17 filesize: 15.6 M page_count: 132 document date: 2018-09-21

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40th Anniversary

Лучшие КОНТРОЛЬНО-ИЗМЕРИТЕЛЬНЫЕ ПРИБОРЫ СТАЛИ ЕЩЕ ЛУЧШЕ

КАТАЛОГ 38

МНОЖЕСТВО ТОКОИЗМЕРИТЕЛЬНЫХ КЛЕЩЕЙ ИММЕНЕМ БЕЗОПАСНОСТИ АНАЛИЗАТОРЫ КАЧЕСТВА ВОДЫ ВЫСОКОЕ КАЧЕСТВО ПРОДУКЦИИ

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lang:en score:17 filesize: 8.35 M page_count: 139 document date: 2012-03-13

Manual do Usuário

EXTECH INSTRUMENTS
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Série MS6000

Osciloscópio de Armazenamento Digital



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Manual do Usurio Srie MS6000 Osciloscópio de Armazenamento Digital Captulo 1 - Resumo CAPTULO 1 - ... MS6000-EU-brPT V1.4 8/12 Captulo 2 - Viso geral 2.1 Breve Introduo Srie MS6000 Modelo MS6060 **MS6100** MS6200 Canais Largura de Banda Taxa de Amostragem 2 60 MHz 2 100 MHz 1 GS/s 1 GS/s 2...

lang:i-klngon score:16 filesize: 971.8 K page_count: 84 document date: 2012-08-28



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MS6000seriesData indd alexbondarenko Extech MS6000 Series Datasheet Digital Oscilloscope 2 Channel Up to 200 MHz Calright Instruments 8837 calright 2018 01 |||

PRODUCT DATASHEET MS6000 Series 2-Channel Digital Oscilloscopes A B C D E

F 5.6 142mm gra ... nce F. X/Y Format Features Three models to choose from: - Model MS6060 -- 60MHz bandwidth - Model **MS6100** -- 100MHz bandwidth - Model MS6200 -- 200MHz bandwidth One-touch automatic setup optimizes t...

lang:en score:16 filesize: 186.83 K page_count: 2 document date: 2012-08-10



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Bedienungsanleitung MS6000-Serie Digitales Speicher-Oszilloskop Chapter 1 Inhalt CHAPTER 1 INHA ... 6000-de-DE_V1.5 5/16 Chapter 2 - bersicht 2.1 Kurze Einfh rung in die MS6000-Serie Modell MS6060 **MS6100** MS6200 Kanle Bandbreite Abtastrate 2 60 MHz 2 100 MHz 1 GS/s 1 GS/s 2 200 MHz 1 GS...

lang:i-klngon score:16 filesize: 1.52 M page_count: 84 document date: 2016-06-02



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Katalog 2013 test italy Modell PQ3450 PQ34 30 Flexible 3000 A Strommesszangen 600 mm für PQ3470 von 200 bis und Catalogo Extech DE extech |||

Katalog 2013 www.extechinstruments.eu Unser Versprechen Innovation, Qualitt, Vertrauen Kundenreakt ... is 100 F Ja USB-Kabel 6-Stunden-Lithium-Ionen-Akku; Netzteil/Ladegerät 180x113x40 mm / 690 g MS6060/**MS6100**/MS6200 Tragbare 2-Kanal-Digital-Oszilloskope NEW 142-mm-LCD-Farbdisplay erleichtert das Anz...

lang:de score:16 filesize: 20.62 M page_count: 116 document date: 2013-01-29



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Manual del usuario Osciloscopio de almacenamiento digital Serie MS6000 Captulo 1 - ndice CAPTULO ... es-ES_V1.5 5/16 Captulo 2 - Visin general 2.1 Introduccin breve a la Serie MS6000 Modelo MS6060 **MS6100** MS6200 Canales Amplitud de banda Frecuencia de muestreo 2 60MHz 2 100MHz 1GS/s 1GS/s ...

lang:i-klngon score:15 filesize: 1.51 M page_count: 84 document date: 2016-06-02



[\[pdf\]](#) Catalog

Untitled 1 alexbondarenko ExtechCatalog38 extech catalog

Catalog38 MULTIMETERS CLAMP METERS THERMOMETERS AIRFLOW METERS LIGHT METERS SOUND METERS WATER ... traceable to NIST. See page 144 for a complete listing. 2-Channel Hand-held Oscilloscopes MS6060/**MS6100**/MS6200 2-Channel Digital Handheld Oscilloscopes NEW 5.7 144mm color LCD display simplifi...

lang:en score:15 filesize: 29.4 M page_count: 152 document date: 2011-07-26



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Manuel d utilisation Srie MS6000 Oscilloscope numrique mmoire Chapter 1 - Contenu CHAPTER 1 - CO ... de la srie MS6000 Modle Canaux Bande passante Taux d chantillonnage MS6060 2 60 MHz 1 GS/s **MS6100** 2 100 MHz 1 GS/s MS6200 2 200 MHz 1 GS/s Tableau 2-1 Liste des modles de la srie MS60...

lang:i-klngon score:14 filesize: 1.54 M page_count: 86 document date: 2016-06-02



FLIR COMMERCIAL SYSTEMS, INC. - EXTECH BRAND
9 Townsend West, Andover, MA 01810 / Phone: 802.524.7900 / Fax: 802.524.7994

Declaration of Conformity

Franch Model: MS6100
Description: Digital Oscilloscope, 100 MHz, 2 Channel
Date of Issue: 21-Apr-14

Via, FLIR Commercial Systems, Inc. - Extech Brand, 9 Townsend West, Andover, MA 01810 declares that a sample of the product (shown above) has been tested by a third party for CE marking according to:

EMC Directive: 2004/108/EC
Report Number: MTE/CUL/VE11111395
Report Date of Issue: 4/15/2012

Standards:
EN 61326-1:2009
EN 61326-2-2:2009+A1:2010+A2:2010
EN 61326-3:2008

LVD Directive: 2006/95/EC
Report Number: MTS/CEG/012040298
Report Date of Issue: 4/23/2012

Standards:
EN 60950-1:2005 & EN 60950-1:2005+A1:2009 & EN 60950-1:2005+A2:2010

The test reports show that the product fulfills the requirements in the CE Low Voltage Directive and EMC Directive for CE Marking. On this basis, together with the manufacturer's own documented production control, the manufacturer (or his European authorized representative) can in this EC Declaration of Conformity verify compliance with the CE Low Voltage Directive and EMC Directive.

Mark Salsbery
Mark Salsbery
QA Administrator
(for Tony Campagna - Director of Quality Services)

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Extech Created Date 4 21 2014 9 31 45 AM MS6100 CE extech products resources |||

...

lang:i-klngon score:14 filesize: 29.74 K page_count: 1 document date: 2014-04-21



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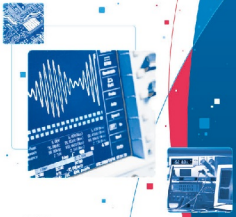
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