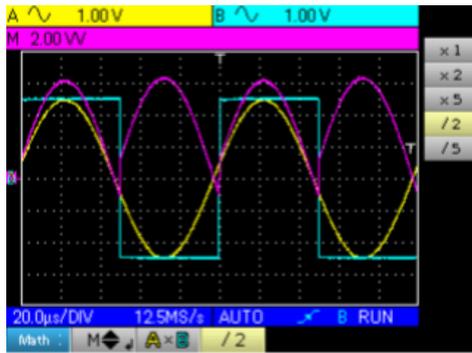
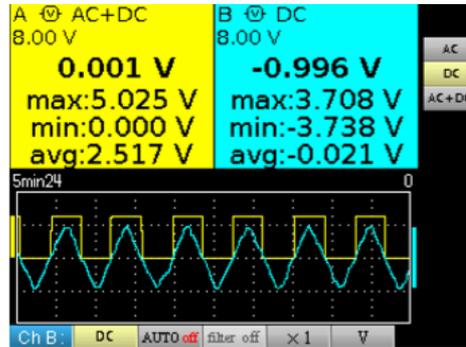


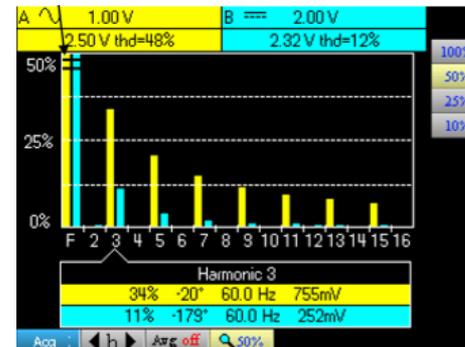
Portable Handheld Oscilloscope Model OX5042



 **Oscilloscope**



 **Dual channel
Multimeter**



 **Harmonic
Analyzer**

Two channel, totally isolated, 40 MHz Bandwidth, hand-held, color display Oscilloscope!

Where are they used?	Applications	Who uses them?
UTILITIES	Measure: Volts, Amps†, Harmonics, KW	PQ Engineers. Consultants, Facility managers
Food & Beverage	Measure: Temperature*, Pressure & Flow (4-20ma)	Process engineers.
HVAC	Measure: Temperature*, Fan speed (pulse count)	Electricians, Facilities Technicians.
Oil & Gas	Measure: Temperature*, Pressure & Flow (4-20ma)	Process engineers & Technicians
Pharmaceutical	Measure: PH (0-5V) Concentration (4-20ma)	Process engineers.

† Requires optional Current probe * Requires optional Temperature Probe Note: Can record all of the above.

What's included



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sales@aemc.com



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Key Features & Benefits

Feature	Benefit	Fluke 41B	How Does Competing Product 1 Compare?	Fluke 43B	How Does Competing Product 2 Compare?
3.5" TFT Color display with backlight	Color coded channels. Easier to read & separate on screen	3" Monochrome display	Hard to distinguish between traces	2.83 " Monochrome display	Hard to distinguish between traces
Bandwidth 40 MHz	Can capture Hi speed signals, good at detecting transients and anomalies	2.1kHz	Not capable of monitoring VFD outputs	20 MHz	Limited High Frequency capability
3 sets of Probes	2ea 10:1 BNC Grabber Probes. 2ea B/R, 5' Leads w/alligator clips. 2ea B/R 5' Leads w/needle tips.	1 set of leads	Tips selection plugs into only one set of leads. 1:1 ratio Voltage Alligator clips only.	2 sets of leads	Changes required.
Voltage Frequency 400 Hz	Air Craft and Shipboard Voltage measurements.	99.9 Hz	Can't monitor marine and aerospace power	70 Hz	Can't monitor marine and aerospace power
Displays: 2 traces + Meters	View trace excursions + numeric RMS value.	1 screen at a time	Multiple tasking back and forth.	1 screen at a time	Multiple tasking back and forth.
Triggering: 3 types Automatic, One-Shot, Triggered Roll 	Capture random anomalies quick and easy	Not available	Hard to detect anomalies	Free run One shot	Major testing limitation
Auto Set Function 	Quickly sets the scale and time base for both channels at the press of a button	Not available	Major testing limitation	Not available	Major testing limitation
Screen Capture 	Captures up to 100 screenshots at the press of a button	Not available	Major testing limitation	Not available	Major testing limitation
Math Channels 	6 selectable math functions and 5 math factors can be applied to the inputs	No Math functions	Limited functionality	No Math functions	Limited functionality
Data Storage 	Stores up to 2700 time based measurements	No memory available	Major testing limitation	512 Samples	Major testing limitation
On screen help feature 	11 languages. Interactive	Not available	Shortcoming	Not available	Shortcoming

Accessories

MN379T with iron core sensor used for measuring from 100mA to 200 Amps Cat# 2153.02



MiniFlex 3000-24-1-1 with 24 inch sensor used for measuring from 10 to 3000 Amps Cat# 2132.63



Black and Red Grabber probes Cat#2124.86

