

PC Scope Module Model MTX 1054BW-PC

Cat. #2150.13

4-Channel, Wi-Fi, 150MHz

Four-channel oscilloscope with 150MHz bandwidth. Vertical sensitivity from 250uV to 100V/div with 10 bit resolution. USB, Ethernet, or Wi-Fi communication for connecting to a computer with the supplied software. Rated 300V CAT III.



Cat.#2150.13

CHANNELS	
Input Channels	4 Channels: CH1, CH2, CH3, CH4, Class 1, Common Ground
Input Impedance	1MΩ ±1%, 13pF
INTERFACE	
Screen Specifications	Color PC Screen (min. resolution: 1152 x 864)
Display Mode	8 x 10 div. – Multi-windowing
Traces On Screen	4 Traces + 2 References
Screen Control	Windows-like & Online Help – All Commands Available Via Mouse
VERTICAL	
Vertical Sensitivity	2.5mv to 100V/division, up to 250μV/div with vertical expansion
Bandwidth	200MHz (with limiters of 15MHz, 1.5MHz or 5kHz)
HORIZONTAL	
Time Base Speed	36 Ranges from 1ns to 200s/division
TRIGGER	
Mode	Auto, Triggered, One-shot ROLL, Auto-level at 50%
Source	CH1, CH2, Line
Type	Edge, Pulse Width or Delay (40ns – 10.5s), counting (2 – 16,384 events), TV, adjustable pre-triggering from 0 to 100%, Hold-off (40ns – 10.5s)
DIGITAL MEMORY	
Max. Sampling Speed	Repetitive = 100GS/s ; One-shot = 100MS/s
Vertical Resolution	10 bits (9 bits used)
Memory Capacity	Depth = 50,000 points (PC configuration dependent)

For more details, download the datasheet or user manual at www.aemc.com

SPO (SMART PERSISTENCE OSCILLOSCOPE)	
Duration of Persistence	100ms, 200ms, 500ms, 1s, 2s, 5s, 10s and infinite
MEASUREMENT PROCESSING	
FFT Analyzer/MATH Functions	FFT, +, -, x, / “Made to measure” function editor
Manual Cursors	dv, dt, 1/dt, phase – cursors linked or unlinked to trace
Automatic Measurements	2 or 19 measurements out of 19 + automatic phase on/any type of curve markers and limits
HARMONIC ANALYZER	
Analysis Range	Fundamental from 40Hz to 1kHz + 31 orders on 1 to 2 channels
Processing	Total RMS value, THD and selected order (%F, phase, frequency, VRMS)
RECORDER MODE	
Duration / Sampling	Dedicated ROLL mode from 2s to 31 days / Sampling interval: 40µs to 53.57s
COMMUNICATION	
Software	PC software SCOPEin@BOX_LE and LabWindows/LabVIEW drivers (included)
Interface	USB, local or remote 10Mb Ethernet, Wi-Fi (802.11b/g), WEB server
GENERAL FEATURES	
Power Source	Removable power cable; 100 to 240Vac; 47 to 63Hz; 2.5A timed fuse
Size	10.6 x 8.4 x 2.5" (270 x 213 x 63mm)
Weight	4.0 lbs (1.8kg)
Operating Temperature	32° to 104°F (0° to 40°C) ; 0 to 80% RH up to 88°F (31°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
IP Rating	IP 30
Safety	300V CAT II per IEC/EN 61010-1

For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com