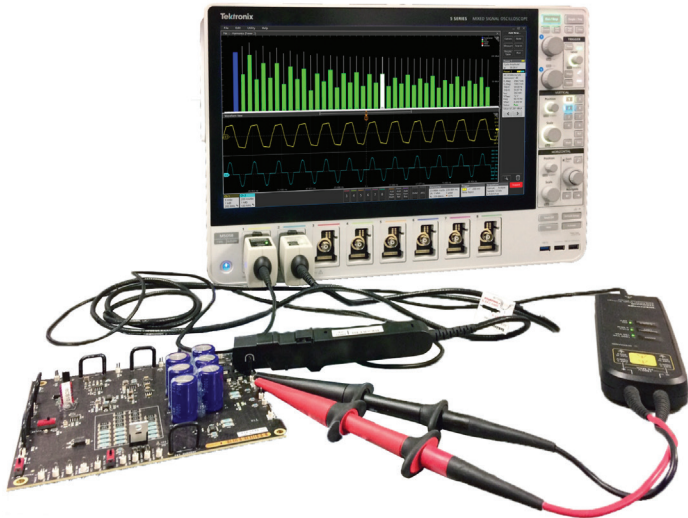


Advanced Power Measurement Capability

Get more visibility into your power systems with advanced power measurement, simulation and analysis tools from Tektronix.



5/6 Series Mixed-Signal Oscilloscope

The 12-bit analog-to-digital converters in the 5/6 Series MSO deliver high-precision measurement data. The 5 Series MSO, with its unprecedented FlexChannel® inputs, allows you to compare up to 8 power lines simultaneously. The 6 Series MSO has industry-leading sensitivity allowing you to see extremely small signals with up to 8 GHz of bandwidth, helping drive to root cause your power supply issues. A rich set of graphical power analysis tools, such as optional advanced power measurement and analysis software, deliver a comprehensive view of your power system. The instruments also support a wide range of voltage and current probes, including state-of-the-art IsoVu® optically-isolated voltage probes.

IsoVu Isolated Probes

IsoVu probes are the right tool for today's demanding power measurement challenges given their industry-leading 1 GHz bandwidth, 160 dB or 100 million to 1 common mode rejection, 60 kV common mode voltage, large ± 2500 V differential range and superior probe loading.



Keithley 2400 Source Meter (SMU) Instruments

Keithley 2400 Series SMU instruments offer four-quadrant precision voltage and current source/load coupled with measurement now on a touchscreen user interface. A SMU combines the functionality of a Digital Multimeter (DMM), power supply, a true current source, an electronic load and pulse generator. These combination instruments can simultaneously source and measure current from 10 fA to 10 A pulse and/or voltage from 100 nV to 200 V, for 1000 W pulse and 100 W DC total power.

5/6 SERIES MSO OPTIONAL 5-PWR AND 6-PWR SOFTWARE

MODEL	ANALOG BANDWIDTH	SAMPLE RATE	RECORD LENGTH	ANALOG CHANNELS
High-Sensitivity Wide Bandwidth				
MSO64	Up to 8 GHz	25 GS/s	62.5 - 250 Mpoints	4
High Channel Density				
MSO56	350 MHz - 2 GHz	6.25 GS/s	62.5 Mpoints - 125 Mpoints	6
MSO58	350 MHz - 2 GHz	6.25 GS/s	62.5 Mpoints - 125 Mpoints	8

ISOVU PROBES

MODEL	BANDWIDTH	DIFFERENTIAL VOLTAGE	COMMON MODE VOLTAGE	COMMON MODE REJECTION RATIO
TIVH02	200 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				200 MHz: 100 dB
TIVH02L	200 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				200 MHz: 100 dB
TIVH05	500 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				500 MHz: 80 dB
TIVH05L	500 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				500 MHz: 80 dB
TIVM1	1 GHz	± 50 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 120 dB
				1 GHz: 80 dB
TIVH08	800 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				800 MHz: 75 dB
TIVM1L	1 GHz	± 50 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 120 dB
				1 GHz: 80 dB
TIVH08L	800 MHz	± 2500 V	≤ 60 kV	DC: > 160 dB
				100 MHz: 100 dB
				800 MHz: 75 dB

SOURCE MEASURE UNITS

MODEL	MAX CURRENT SOURCE/MEASURE RANGE	MAX VOLTAGE SOURCE/ MEASURE RANGE	MEASUREMENT RESOLUTION (CURRENT / VOLTAGE)	POWER	TOUCH SCREEN
2401	1 A	20 V	1 pA / 100 nV	20 W	No
2400	1 A	200 V	1 pA / 100 nV	20 W	No
2450	1 A	200 V	10 fA / 10 nV	20 W	Yes
2410	1 A	1100 V	1 pA / 100 nV	20 W	No
2460	7 A	100 V	1 pA / 100 nV	100 W	Yes
2420	3 A	60 V	10 pA / 100 nV	60 W	No
2440	5 A	40 V	10 pA / 100 nV	50 W	No
2461	10 A	100 V	1 pA / 100 nV	1000 W	Yes

