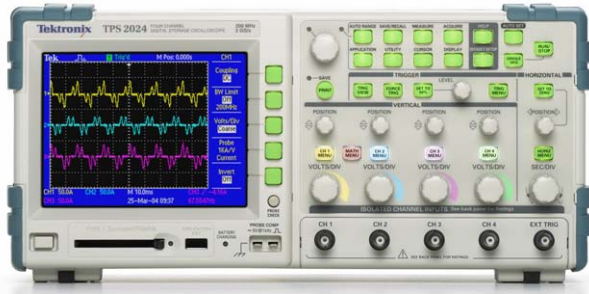
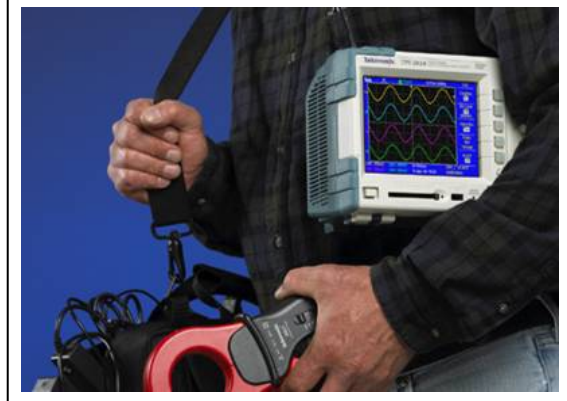


# TPS2000 Series Oscilloscopes Fact Sheet

Powerful productivity from bench to field



## Designed to make your work easier



Quickly correlate your measurements between bench, lab and field

### Featuring:

- 100 MHz and 200 MHz models
- 2 or 4 isolated analog channels
- 2.5 k standard record length on all channels
- Up to 2 GS/s sample rate on all channels
- Advanced triggering
- 11 automatic measurements
- FFT function standard on all models
- Front-panel CompactFlash™ port for data storage
- Lightweight and portable
- Optional power measurement and analysis module
- 3 year warranty

### Features

### Benefits

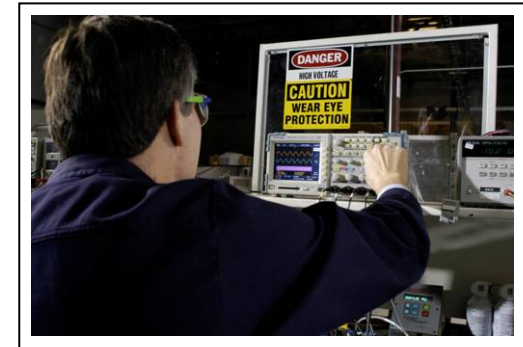
Four isolated channels	Safely and easily make 4-channel floating measurements, including 3-phase power measurements.
Digital real-time sampling	Accurately capture signals with at least 5X over-sampling on all channels, all the time.
Dedicated front-panel controls	Spend less time learning and more time on your task with easy-to-use front-panel controls.
Front-panel CompactFlash™ port	Quickly store and transfer your waveforms.
Hot-Swappable battery pack	Work where you need to with up to 8 hours of continuous battery operation*.
Just 6 lbs (2.7 kg)	Easily transport from lab-to-lab or into the field with the lightweight and compact design.
Power measurement and analysis application module (optional)	Quickly make automatic measurements of real and apparent power, phase angle measurements, harmonics, and switching loss.

\* Comes standard with 1 battery. Each battery provides 4 hours of operation.

# TPS2000 Series Oscilloscopes Fact Sheet

Key specifications and ordering information

Models	Analog Channels	Bandwidth	Record Length All channels	Sample Rate All channels	Pricing
TPS2012	2	100 MHz	2.5 k	1.0 GS/s	\$2,890
TPS2014	4	100 MHz	2.5 k	1.0 GS/s	\$3,190
TPS2024	4	200 MHz	2.5 k	2.0 GS/s	\$3,490



Standard Probes and Accessories	
▪ One P2220 200 MHz, 10X Passive Probe Per Channel	
▪ OpenChoice® Desktop Software	
▪ AC Adapter with Power Cord	
▪ Front Cover	
▪ One Lithium Battery	
▪ Calibration Certificate, Quick Reference Manual, & Documentation on CD	

Application Modules and Accessories	
<b>TPS2PWR1</b> – Power Measurement and Analysis.	\$510
<b>TPS2PBND</b> – TPS2PWR1 Application Module and Four P5120 High-Voltage Passive Probes.	\$1,690
<b>TPSBAT</b> – Lithium-Ion Battery Pack (one included standard with instrument).	\$240
<b>TPSCHG</b> – External Battery Charger.	\$418

Recommended Probes and Services		
P5120	20X, 200 MHz, 1000 V Passive, High-Voltage Probe.	\$420
A621	2000 A, 5 to 50 kHz AC Current Probe.	\$525
A622	100 A, 100 kHz AC/DC Current Probe..	\$525
P6021	15 A, 60 MHz AC Current Probe.	\$1,300
Opt. R5	5 Year Repair Service Plan.	varies
Opt. C3	5 Year Calibration Service Plan.	\$260
Opt. C5	5 Year Calibration Service Plan	\$490

Key Applications	Benefits
<ul style="list-style-type: none"> <li>▪ Design and debug of electronic systems</li> </ul>	<ul style="list-style-type: none"> <li>▪ Save measurement time and test equipment cost by using a single instrument to make floating and grounded measurements simultaneously on each of four channels</li> </ul>
<ul style="list-style-type: none"> <li>▪ Industrial power design and debug</li> </ul>	<ul style="list-style-type: none"> <li>▪ Make three-phase power, and multi-channel floating and grounded measurements simultaneously</li> </ul>
<ul style="list-style-type: none"> <li>▪ Installation and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>▪ Verify and document power system operating conditions before and after installation</li> </ul>

[www.tektronix.com/tps2000](http://www.tektronix.com/tps2000)

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